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COMMERCIAL FEEDING STUFFS REPORT ON INSPECTION

1932

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

CONNECTICUT AGRICULTURAL EXPERIMENT STATION

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REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the Brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station make reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1932

E. M. BAILEY

THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

Exemptions. It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein

and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

Affixing tags. The use of wire or any metal in affixing tags to feed packages is prohibited by law.

Registration and registration fee. The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

Duties of manufacturers, jobbers and dealers. All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

DEFINITIONS OF FEEDING STUFFS¹

ALFALFA PRODUCTS

Chopped alfalfa is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material.

Alfalfa meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fibre.

Alfalfa leaf meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fibre.

Alfalfa stem meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds.

ANIMAL PRODUCTS

Blood meal is ground, dried blood.

Blood flour is dried blood, prepared by special processes and reduced to a fine powder.

Digester tankage, meat meal tankage or feeding tankage is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. When these products contain more than 10 per cent phosphorus (expressed as P_2O_5) they shall be designated Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone. If they bear a name descriptive of their kind, composition or origin they must correspond thereto.

¹ As announced by the Association of American Feed Control Officials, 1931-32.

Meat scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent phosphorus (expressed as P_2O_5), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto.

Raw bone meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein.

Steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure.

Special steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue.

APPLE PRODUCTS

Dried apple pomace is the sound, dried residue obtained by the removal of cider from apples.

Dried apple pectin pulp is the sound, dried residue obtained by the removal of pectin from apple products.

BARLEY PRODUCTS

Barley hulls are the outer coverings of the barley.

Barley feed is the entire by-product resulting from the manufacture of pearl barley from clean barley.

Barley mixed feed is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings.

Ground barley is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent other grains, weed seeds and other foreign material and not more than 6 per cent fibre; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material, shall be deliberately added.

Mixed feed barley is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material, shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and foreign material.

BREWERS' AND DISTILLERS' PRODUCTS

Brewers' dried grains are the properly dried residue from cereals obtained in the manufacture of beer.

Distillers' dried grains are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating.

Distillers' corn solubles, a by-product from the manufacture of alcohol from corn, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' rye solubles, a by-product from the manufacture of alcohol from rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' corn and rye solubles, a by-product from the manufacture of alcohol from corn and rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Malt sprouts are the sprouts of the barley grain obtained in the malting process. Sprouts derived from any other malted cereal must be designated by the name of that cereal.

Yeast or vinegar dried grains are the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

BUCKWHEAT PRODUCTS

Buckwheat shorts or buckwheat middlings are that portion of the buckwheat grain immediately inside the hull after separation from the flour.

CORN PRODUCTS

Corn meal (feeding) is finely ground unbolted corn.

Corn bran is the outer coating of the corn kernel, with little or no starchy part or germ.

Corn feed meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added.

Corn chop, ground corn or cracked corn is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material.

Screened corn chop, screened ground corn, or screened cracked corn is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material.

Corn grits, hominy grits are the fine or medium sized, hard flinty portions of Indian corn containing little or no bran or germ.

Ear corn chops is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state.

Corn gluten meal is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Corn gluten feed is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Maltose process corn gluten feed is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup.

Hominy feed, hominy meal or hominy chop is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and corn meal by the degerming process.

Yellow hominy feed, yellow hominy meal or yellow hominy chop is a kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process.

Corn oil cake consists of the corn germ from which part of the oil has been

pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products.

Corn oil meal is ground corn oil cake.

Corn germ cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

Corn germ meal is ground corn germ cake.

Corn screenings are the small light grains of corn, parts of grains of corn and/or other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials.

COTTONSEED PRODUCTS

Cottonseed meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed meal, prime quality.* Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43 per cent Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed meal, off quality.* Cottonseed meal not fulfilling the above requirements as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

Cottonseed feed is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein.

Cold pressed cottonseed is the product obtained from the subjection of the whole undecorticated cottonseed to the cold pressure process for the extraction of oil and includes the entire cottonseed less the oil extracted.

Ground cold pressed cottonseed is the product obtained by grinding cold pressed cottonseed.

LINSEED AND FLAX PRODUCTS

Linseed cake or meal is oil cake or meal made from flaxseed; provided that the final product must contain less than 6 per cent of weed seeds and other foreign materials and; provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added.

Old process oil meal, old process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, cooking and hydraulic pressure.

New process oil meal, new process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, heating and the use of solvents.

Flax plant by-product is that portion of the flax plant remaining after the separation of the seed, the bast fibre and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem.

Ground flaxseed or flaxseed meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; provided that the final product must contain less than 4 per cent of weed seeds and other foreign materials, and; provided further, that no portion of the stated 4 per cent of weed seeds and other foreign materials shall be deliberately added.

Unscreened flaxseed oil feed cake is the product obtained by extraction of

part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)

Ground unscreened flaxseed oil feed is the ground unscreened flaxseed oil feed cake.

Screenings oil feed is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed."

Oil cake is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from seeds which have been screened and cleaned of weed seeds, and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake."

Oat meal or ground oil cake is oil cake ground to a meal.

MARINE PRODUCTS

Fish meal (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil.

Fish residue meal (Feeding) is the clean, undecomposed residue from the manufacture of glue from non-oily fish.

Crab meal (Feeding) is prepared from the undecomposed waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains at least 25 per cent protein.

Shrimp meal (Feeding) is prepared from the undecomposed waste of the shrimp industry and contains the head, hull and/or the whole shrimp.

MILK PRODUCTS

Evaporated buttermilk (Feeding), *concentrated buttermilk* (Feeding), *condensed buttermilk* (Feeding), is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butter fat, and not more than .14 per cent ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given.

Dried skimmed milk (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent moisture.

Condensed skimmed milk (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent total solids.

OAT PRODUCTS

Oat hulls are the outer coverings of the oat.

Oat middlings are the floury portions of the oat groat obtained in the milling of rolled oats.

Oat shorts are the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats.

Oat chop, ground oats, pulverized oats, crushed oats and crimped oats consists of the entire product made by chopping, cutting, grinding, crushing or crimping oats.

Oat groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal.

Hulled oats, undried oat groats are the kernels produced from the undried grain in the process of hulling oats.

Oat meal, ground oat groats is the product produced by cutting, cracking or grinding oat groats.

Rolled oat groats (Rolled Oats) is the product obtained in the process of rolling oat groats.

Clipped oat by-products is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls.

PEANUT PRODUCTS

Peanut oil cake is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels.

Peanut oil meal is ground peanut oil cake.

Unhulled peanut oil feed is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut meal and hulls*.

RICE PRODUCTS

Rice bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice.

Rice hulls are the outer coverings of the rice.

Rice polish is the finely powdered material obtained in polishing the kernel.

Rice meal is ground brown rice or ground rice after the hull has been removed.

Ground rough rice is ground rice from which the hull has not been removed or ground paddy rice.

Rice stone bran is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls.

Rice huller bran is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs.

RYE PRODUCTS

Rye bran is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

Rye feed, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consists principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

Rye red dog, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent crude fibre.

Rye low grade feed flour consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

Rye middlings consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

Rye flour middlings consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent crude fibre.

VELVET BEAN PRODUCTS

Velvet bean meal is ground velvet beans containing only an unavoidable trace of hulls or pods.

Ground velvet bean and pod is the product derived by grinding velvet beans "in the pod." It contains no additional pods or other materials.

WHEAT PRODUCTS

Wheat bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

Standard middlings consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent crude fibre.

Flour middlings shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent crude fibre.

Wheat red dog, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent crude fibre.

Wheat low grade feed flour, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

Wheat bran and standard middlings consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

Hard wheat mixed feed (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent crude fibre.

Brown shorts (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent crude fibre.

Gray shorts (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent crude fibre.

White shorts or white middlings consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent crude fibre.

Wheat mixed feed (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent crude fibre.

Screenings consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain.

Scourings consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring.

(NOTE) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word “Screenings” or “Scourings” as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word “Screenings” appears it is not necessary to show also on the labeling the word “Scourings.”

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients requires, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

Mineral feeds containing no organic ingredient do not require the usual chemical feed guarantee, but do require a declaration of each ingredient contained therein and the minimum percentage of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present.

That the mineral ingredients be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(1) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(2) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics.

MISCELLANEOUS PRODUCTS

Dried beet pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and which have been extracted in the process of manufacturing sugar.

Cocoanut oil meal or “*copra oil meal*” is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut.

Ivory nut meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

Processed garbage is composed of animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and is separated from material such as crockery, glass, or similar material. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife like or needle like particles, and providing further, that the maximum percentage of glass be stated on the label when present in excess of one-fifth of one per cent.

Palm kernel oil meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis malanococco*.

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals.

Head chops consists of the entire head of the grain sorghums chopped, and bears the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops and sorghum head chops.

Head stems consists of the head of the grain sorghums, from which the grain has been removed, and bears the name of the sorghum from which it is made.

LATE REGISTRATIONS FOR 1931

To the list of registrations for 1931 in our last report should be added:

L. W. Hudson, Windsor, Conn.

Hudson's Cow Feed
Hudson's Developing Mash and Starter
Hudson's Laying Mash

REGISTRATIONS

For the period January 1, 1932 to December 31, 1932

Two hundred firms and individuals have registered 1,059 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

Acme-Evans Co., Indianapolis, Ind.

Acme Bran with Screenings
Acme Hominy Feed
Acme Middlings with Screenings

Allied Mills, Inc., Chicago, Ill.

Amco 20% Dairy Ration
Amco 24% Dairy Ration
Amco 20% National Dairy Ration
Amco 16½% Sucrene Dairy Ration
Amco 32% Supplement Dairy Ration
Amco 12% Fitting Ration
Arab Horse Feed
Emergency Hog Feed
Empire Dairy Feed
June Pasture
Pure Corn and Oats Provender
Red Feather Egg Mash
Red Feather Egg Mash with Cod Liver Oil
Red Feather Scratch Feed
Screened Cracked Corn
Wayne All Mash Chick Starter
Wayne All Mash Chick Starter with Cod Liver Oil
Wayne All Mash Grower
Wayne All Mash Grower with Cod Liver Oil
Wayne Broiler Ration
Wayne Calf Meal

Allied Mills, Inc., Chicago, Ill.—(Continued)

Wayne Chick Feed
Wayne Egg Mash
Wayne Egg Mash with Cod Liver Oil
Wayne Intermediate Scratch Feed
Wayne Pig Meal
Wayne Poultry Fattener
Wayne Scratch Feed
Wayne Special Scratch Feed
Wayne Starter and Grower
Wayne 20% Supreme Dairy Feed
Wayne Supreme Horse Feed
Wayne Turkey Mash

American Maize-Products Co., 100 E. 42nd St., New York City.

Cream of Corn Gluten Feed

Anchor Mills, Hagerstown, Md.

Zip Egg Mash

Anheuser-Busch, Inc., St. Louis, Mo.

Anheuser-Busch Brand Corn Oil Cake Meal

Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.

Advanced Registry Dairy Feed
Arcady Besbet Growing Mash
Arcady Besbet Laying Mash
Arcady Besbet Starting Mash
Arcady Developing Grains
Arcady Scratch Grains
Milkers Ready Ration
Old Colony Feed
Peerless Milk Ration
Producer 20% Ready Ration
Sweet 16 Dairy Feed
Wonder Complete Broiler Ration
Wonder Horse and Mule Feed
Wonder Starting Mash

Archer-Daniels-Midland Co., Minneapolis, Minn.

Midland 30% Protein Animal Food
Pure Old Process Linseed Meal 34%
Pure Old Process Linseed Meal 37%
Soy Bean Oil Meal

Ashcraft-Wilkinson Co., Minneapolis, Minn.

Helmet Brand—Prime Cottonseed Meal
Monarch Brand—Prime Cottonseed Meal
Paramount Brand—Prime Cottonseed Meal

Atkinson Milling Co., Minneapolis, Minn.

Atkinson's Wheat Bran
Atkinson's Wheat Standard Middlings

E. W. Bailey & Co., Montpelier, Vt.

Bailey's 16% Dairy Ration
Bailey's Open Formula 20% Dairy Feed
Bailey's Open Formula 24% Dairy Feed
Bailey's Fitting Ration

E. W. Bailey & Co., Montpelier, Vt.—(Continued)

Capital Dairy Ration
 Capital Mixed Feed
 Favorite Dairy Ration
 Our 20% Special Ration
 Pennant Brand Chick Starter
 Pennant Brand Coarse Chick Feed
 Pennant Brand Fine Chick Feed
 Pennant Brand Growing Feed
 Pennant Horse Feed
 Pennant Brand Laying Mash
 Pennant Scratch Feed
 Pennant Brand Stock Feed
 Sweetened Bailey's 16% Dairy Ration
 Sweetened Bailey's Fitting Ration
 Sweetened Capital Dairy Ration
 Sweetened Favorite Dairy Ration
 Sweetened with Molasses Pennant Brand Stock Feed

Beacon Milling Co. Inc., Cayuga, N. Y.

Auburn Dairy Feed
 Beacon Breeders Mash with Buttermilk
 Beacon Broiler Feed
 Beacon Calf Meal
 Beacon's Cayuga Developer Feed
 Beacon's Cayuga Growing Mash
 Beacon's Cayuga Horse Feed
 Beacon's Cayuga Laying Mash with Buttermilk
 Beacon's Cayuga Scratch Feed
 Beacon Chick Feed
 Beacon Complete Starting Ration
 Beacon Dairy Ration
 Beacon Developer Feed
 Beacon Duck Breeders Mash
 Beacon Duck Starter
 Beacon Egg Mash with Buttermilk
 Beacon Growing Mash
 Beacon Hog Feed
 Beacon Horse Feed
 Beacon Scratch Grains
 Beacon Special Coccidiosis Mash
 Beacon Special Scratch Grains
 Beacon Sweet '20'
 Beacon Sweet '24'
 Beacon Turkey Growing Feed
 Beacon '20'
 Cayuga Stock Feed
 Corn & Oat Chop

Bisbee Linseed Co., 1532 Bankers Trust Bldg., Philadelphia, Pa.

Bisbee Brand Pure Old Process Linseed Meal 32%
 Bisbee Brand Pure Old Process Linseed Meal 34%

Black Rock Milling Corp., Buffalo, N. Y.

Bidwell 20% Dairy Ration
 Bidwell 24% Dairy Ration
 Bidwell Dry-Mash
 Bidwell Scratch Feed
 Paramount 20% Dairy Ration

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

The Borden Sales Co. Inc., 350 Madison Ave., New York City.

Borden's Anilac

Amos D. Bridge's Sons, Inc., Hazardville, Conn.

Success Dairy Ration

Bristol Grain & Supply Co., Bristol, Conn.

Bristol Laying Mash

F. W. Brode Corp., Memphis, Tenn.

Owl Brand 41% Prime Cottonseed Meal

L. Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

Buckeye Cotton Oil Co., Cincinnati, Ohio.

Buckeye Prime 41% Cottonseed Meal

Soy Bean Oil Meal

C. Buckingham & Co., Southport, Conn.

C. B. Dairy

C. B. Egg Mash

C. B. Growing Mash

C. B. Scratch Feed

C. B. Starter

C. E. Buell, Inc., 6 Beacon St., Boston, Mass.

"Buell-Boston" Dried Skim Milk

C. W. Burckhalter, Inc., 119 Broad St., New York City.

Burck Brand Dried Buttermilk

Burck Brand Powdered Skim Milk

Caledonia Mills, Inc., St. Johnsbury, Vt.

Brooks' Fancy Mixed Feed

C. W. Campbell Co., Westerly, R. I.

Camco Horse Feed

Campbell Fitting Ration

Egg-O Chick Feed

Egg-O Chick Starter

Egg-O Growing

Egg-O Intermediate

Egg-O Mash

Egg-O Scratch

Egg-O Turkey Grower

Milky Ration

No-Botheration Dairy

Xtra Vim Molasses Horse Feed

The Canada Linseed Oil Mills, Ltd., Montreal, Canada.

"Maple Leaf" Oilcake Meal

A. B. Caple Co., Toledo, Ohio.

Alfalfa Meal

Chapin & Co., Hammond, Ind.

Unicorn Dairy Ration 24%

Clinton Corn Syrup Refining Co., Clinton, Iowa.

Clinton Corn Gluten Feed

Clyde Renco Milling Corp., Clyde, N. Y.

Renco Scratch Feed

Coles Co., Middletown, Conn.

Capital 20% Molasses Dairy Feed

Fortune Chick Starter

Fortune Egg Mash with Dried Buttermilk

Fortune Growing Feed

Fortune Intermediate Scratch

Fortune Scratch Feed

Selco 24% Molasses Dairy Feed

Collis Products Co., St. Paul, Minn.

Collis Process Dried Buttermilk

Commander-Larabee Corp., Minneapolis, Minn.

Sunfed Red Dog Pure Wheat Product

Sunfed Wheat Bran

Sunfed Wheat Standard Middlings

The G. E. Conkey Co., Cleveland, Ohio.

Conkey's All Grain Horse & Mule Feed (With Linseed Meal, Molasses and Salt)

Conkey's All Mash Chick Ration with Y-O

Conkey's Chick Grains

Conkey's Dairy Feed 24% Protein

Conkey's Gecco Chick Grains

Conkey's Gecco Dairy Feed 20% Protein

Conkey's Gecco Egg Mash

Conkey's Gecco Egg Mash with Y-O

Conkey's Gecco Growing Grains

Conkey's Gecco Growing Mash

Conkey's Gecco Growing Mash with Buttermilk and Y-O

Conkey's Gecco Scratch Grains

Conkey's Geccofat Station Fattener

Conkey's Geccofat Station Fattener with Buttermilk

Conkey's Growing Grains

Conkey's Red Seal Laying Mash with Y-O

Conkey's Scratch Grains

Conkey's (The Original) Starting Feed with Buttermilk and Y-O

Superior Scratch Grains

Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.

Conn. Fat Rendering & Fertilizer Corp. Meat Scrap

Consolidated By-Product Co., 36th St. & Grays Ferry Ave., Philadelphia, Pa.

Consolidated Beef and Bone Scrap

Consolidated Bone Meal

Consolidated Feed & Grain Co. Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.

Bison Dried Skimmilk

Consolidated Products Co., Danville, Ill.

Dried Buttermilk
Dried Skimmilk

Consolidated Rendering Co., Boston, Mass.

Corenco Bone Meal, An All Animal Feed for Cattle, Hogs, and Poultry

Consumers Food Stores, Inc., 476-478 Water St., Bridgeport, Conn.

Gold Bond Egg Mash
Gold Bond 16% Dairy Feed
Gold Bond 20% Dairy Feed
Gold Bond Growing Mash
Gold Bond Horse Feed
Gold Bond Intermediate Chick Feed

Copeland Flour Mills, Ltd., Midland, Ontario, Canada.

Copeland's Dandy Bran
Copeland's Dandy Shorts

Corn Products Sales Co., 17 Battery Place, New York City.

Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

E. A. Cowee Co., Fitchburg, Mass.

Coweco Laying Mash
Coweco Growing Mash
Coweco Scratch Feed
Coweco 20% Ration

The C. A. Cowles, Inc., Plantsville, Conn.

C. A. Blue Seal Mash
C. A. Cowles 20% Dairy Ration
Cowles 24% Dairy Ration
Cowles Scratch Feed

Chas. M. Cox Co., Boston, Mass.

Lake Woods Shorts
Lake Woods Wheat Bran
Pioneer Wheat Bran
Pioneer Wheat Shorts
Sherwin Williams Screwpress Linseed Oil Cake Meal

Crosby Milling Co., Brattleboro, Vt.

Crosby's Scratch Feed
Crosby's Stock Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Economy Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

Dairymen's League Co-Operative Assoc., Inc., 11 West 42nd St. New York City.

Dairylea Dried Skim Milk

R. G. Davis & Sons, Inc., New Haven, Conn.

Basic Dairy Ration
Davis Buttermilk Mash
Davis Horse Feed
Davis No. 1 Provender
Davis Scratch Feed
Davis Stock Feed
20% Open Formula

Decatur Milling Co., Inc., Decatur, Ill.

Homco Brand Hominy Feed

Delaware Mills, Inc., Deposit, N. Y.

Brooklawn Special Scratch Feed
Delaware Chick Starting Mash (with Dried Buttermilk)
Delaware Chick Grains
Delaware Dairy Feed
Delaware Growing Mash (with Dried Skim Milk)
Delaware Heavy Mixed Feed
Delaware 85% Horse Feed
Delaware Intermediate Chick Grains
Delaware Sweet 24% Dairy Feed
Delaware White Stock Feed
Delco 20% Dairy Feed
Delco Sweet 20% Dairy Feed
Double Circle Scratch Grains
Ground Corn & Oats
Indian Laying Mash (with Dried Skim Milk)

The Denver Alfalfa Milling & Products Co., Lamar, Colo.

Alfalfa Leaf Meal
Alfalfa Meal

The Dewey Bros. Co., Blanchester, Ohio.

Corn Distillers Dried Grains

Dietrich & Gambrill, Inc., Frederick, Md.

D. & G. Dairy Feed
Frederick Growing Mash
Frederick Laying Mash
Frederick Stock Feed
Gambrill's Chick Starter
Gambrill's Growing Mash
Gambrill's Horse Feed
Gambrill's Laying Mash
Gambrill's Scratch Feed
Gambrill's Stock Feed
Pen Mar Dairy Feed
Pen Mar Horse Feed

The Dry Milk Co., Inc., 205 East 42nd St., New York City.

Chikora

Duluth-Superior Milling Co., Minneapolis, Minn.

Duluth Imperial Wheat Bran
Wheat Standard Middlings

Eagle Roller Mill Co., New Ulm, Minn.

Eagle Pure Wheat Bran
Eagle Wheat Standard Middlings

Eastern Grain Co., Bridgewater, Mass.

Pure Dried Skim Milk Powder

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States Developer Mash
Eastern States Developer Mash with Cod Liver Oil
Eastern States Egg Mash
Eastern States Fitting Ration
Eastern States Fulpail Dairy Ration
Eastern States Highland 12
Eastern States Highland 20
Eastern States Horse and Calf Ration
Eastern States Intermediate Scratch Grains
Eastern States Milkmore Dairy Ration
Eastern States Producer Mash
Eastern States Producer Mash with Cod Liver Oil
Eastern States Pure Ground Corn & Oats $\frac{1}{2}$ and $\frac{1}{2}$
Eastern States Scratch Grains with Coarse Cracked Corn
Eastern States Sixteen
Eastern States Starting and Broiler Ration with Cod Liver Oil
Eastern States Turkey Fat
Eastern States Turkey Grow
Eastern States Turkey Start

B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago Ill.

Pure Wheat Bran
Standard Wheat Middlings

S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.

Butterfly Dried Skimmed Milk for Animal or Poultry Feed
Yankee Dried Buttermilk for Animal or Poultry Feed

Elmore Milling Co. Inc., Oneonta, N. Y.

Economilk Dairy Feed
Elmore Chixsaver
Elmore Complete Broiler Ration
Elmore Complete Starting and Growing Ration
Elmore's Economilk 24% Dairy Feed
Elmore Eggmaker
Elmore Egg Mash
Elmore Growing Mash
Elmore Horse Feed with Molasses
Elmore Intermediate Chick Feed
Elmore Milk Grains
Elmore Milk Grains Junior
Elmore Scratch Feed
Elmore Stock Feed
Elmore's Sugared Feedall
Elmore's Super-Silage
Elmore 32% Supplemental Ration
Elmore's Sweet Digesto Dairy Feed
Elmore "Three Point" Calf Meal
Elmore's "Xtragood" Wheat Feed with Ground Screenings
Granger Ration
Otsego Economy Ration
R-Own Egg Mash
R-Own Dairy Ration

John W. Eshelman & Sons, 244 North Queen St., Lancaster, Pa.

Dried Beet Pulp
 Eshelman Certified 20% Dairy Ration
 Eshelman Certified 24% Dairy Ration
 Eshelman Certified Fitting Ration
 Eshelman Certified Laying Mash
 Eshelman Challenge Dairy Feed
 Eshelman Choice Mixed Wheat Feed
 Eshelman Conestoga 20 Dairy Feed
 Eshelman Garden Spot Horse Feed
 Eshelman Golden Rod 25 Dairy Feed
 Eshelman Lancaster 20 Dairy Feed
 Eshelman Lancaster 60 Horse Feed
 Eshelman Lancaster Scratch Grains
 Eshelman Liberty Horse Feed
 Eshelman Open Formula 20 Dairy Feed
 Eshelman Pennsy Chick Grains
 Eshelman Pennsy 16 Dairy Feed
 Eshelman Pennsy Laying Mash
 Eshelman Pennsy Scratch Grains
 Eshelman Red Rose All Mash Starter
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Grains
 Eshelman Red Rose Chick Starter
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Fattening Mash
 Eshelman Red Rose Growing Mash
 Eshelman Red Rose Growing Mash with Cod Liver Oil
 Eshelman Red Rose 85 Horse Feed
 Eshelman Red Rose Hog Meal
 Eshelman Red Rose Laying Mash
 Eshelman Red Rose Pure Ground Corn and Oats
 Eshelman Red Rose Scratch Grains
 Eshelman Red Rose Stock Feed
 Eshelman Red Rose Wheat Flour Middlings
 Eshelman S-O-S
 Eshelman Steamed-Cooked Horse Feed
 Eshelman Wheat Red Dog

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed
 Emco Soybean Cake Meal

Excelsior Milling Co., Minneapolis, Minn.

Pure Camel Fancy Wheat Feed

Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

Farmers Feed Co., 532 E. 76th St., New York City.

"Bull Brand" Dried Brewers Grains

Farmers Wholesale Co., Minneapolis, Minn.

Farmer Boy Wheat Bran

Federal Mill, Inc., Lockport, N. Y.

Lucky Hard Wheat Bran
 Lucky Hard Wheat Middlings

Fernando Valley Milling & Supply Co., 336 I. W. Hellman Building, Los Angeles, Calif.

Fernando Alfalfa Meal, Fine Ground
Fernando Alfalfa Stem Meal
Ideal Greens, Sun-Cured

First National Stores, Inc., Somerville, Mass.

Henfield Egg Mash
Henfield Scratch Grains

Flag Fish Co. Inc., 108 South St., New York City.

Flag Fish Meal

Flory Milling Co. Inc., Bangor, Pa.

Flory's All Mash Starting & Growing Ration
Flory's Baby Chick Feed
Flory's Certified Fitting Ration
Flory's Dairy Feed
Flory's Egg Mash
Flory's Horse Feed
Flory's Scratch Feed
Flory's Steamed Cooked Horse Feed
Flory's Stock Feed
Golden Egg "All-Mash" Growing Ration
Golden Egg Laying Mash
Golden Egg Scratch Feed
Ground Corn & Oats
National Dairy Feed
Record Dairy Feed
Record Horse Feed
Sunray Laying Mash

A. W. Forbes, East Haven, Conn.

R-Own Dairy Ration
R-Own Laying Mash
R-Own Scratch Feed

J. A. Forrest, 819 Security Building, Minneapolis, Minn.

Alpine Ground Feeding Oatmeal

Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.

Powdered Skim Milk

L. T. Frisbie Co., New Haven, Conn.

Frisbie's Poultry Feed 45%
Frisbie's Poultry Feed 50%
Frisbie's Poultry Feed 55%

J. B. Garland & Son, Worcester, Mass.

Garland's Growing Mash
Garland's Poultry Mash
Royal Worcester Complete Ration
Royal Worcester Scratch Feed

General Mills, Inc., Minneapolis, Minn.

Eventually Gold Medal Chick Feed—No Grit
Eventually Gold Medal Chick Ration
Eventually Gold Medal Dairy Ration
Eventually Gold Medal Developing Feed—No Grit

General Mills, Inc., Minneapolis, Minn.—(Continued)

Eventually Gold Medal Egg Mash for Breeding and Laying with Dried Buttermilk
Eventually Gold Medal Growing Mash—With Dried Buttermilk
Eventually Gold Medal Scratch Feed—No Grit
Washburn's Gold Medal Fancy Mixed Feed
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

Gilster Milling Co., Chester, Ill.

Gilster's Bran

Gorton-Pew Fisheries Co. Ltd., Gloucester, Mass.

Gorton's Codfish Meal

D. H. Grandin Milling Co., Jamestown, N. Y.

Grandin's Baby Chick Feed
Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil
Grandin's Broiler Mash with Buttermilk-Cod Liver Oil
Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil
Grandin's Growing Mash with Buttermilk
Grandin's Growing Mash with Buttermilk-Cod Liver Oil
Grandin's Intermediate Chick Feed
Grandin's Laying Mash with Buttermilk
Grandin's Laying Mash with Buttermilk-Cod Liver Oil
Grandin's Milk Maker
Grandin's Screened Scratch Feed
Grandin's Stock Food
Grandin's Sweetened 20% Dairy Feed
Grandin's Sweetened 24% Dairy Feed
Grandin's Sweetened Horse Feed
Grandin's Turkey Starter with Buttermilk-Cod Liver Oil—A Complete Ration
M-S (Money Saver) 20% Sweet Dairy Feed
M-S (Money Saver) 24% Sweet Dairy Feed

Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.

Daily Egg Mash Feed
Daily Egg Scratch Feed
Daily Growth Chick Starter
Daily Growth Fine Chick Feed
Daily Growth Growing Mash

Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.

College Horse Feed
H & H Quality Steel Cut Wheat
H & H White Stock Feed
Kingfalfa Horse Feed
Morning Glory Chick Starter with Dried Buttermilk
Morning Glory Egg Mash with Dried Buttermilk
Red Comb Chick Battery Mash with Dried Buttermilk
Red Comb Chick Starter with Dried Buttermilk
Red Comb Coarse Chick
Red Comb Crate Fattener with Rolled Oats
Red Comb Egg Mash with Dried Buttermilk

Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.—(Continued)

Red Comb Fine Chick
Red Comb Growing Mash with Dried Buttermilk
Red Comb Scratch Feed
Red Horn Calf Meal
Red Horn 20% Dairy Feed

Frank B. Ham & Co. Ltd., Toronto, Ontario, Canada.

Hamco Brand Wheat Bran
Hamco Brand Wheat Shorts

William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.

Wheat Bran
Wheat Middlings

Hecker-H-O Co., Inc., Buffalo, N. Y.

Oat Mill Feed

Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.

Choice Wheat Bran
Red Dog Pure Hard Wheat
Wheat Standard Middlings

Hershey Creamery Co., 401 S. Cameron St., Harrisburg, Pa.

"Chick-O-Lac"
"Hershey's Superior Powdered Skim Milk"

Hobson & Clofine, 416 Bulletin Building, Philadelphia, Pa.

H and C Brand Dried Buttermilk
H and C Brand Dried Skim Milk

Hood Mills Co., Baltimore, Md.

Red Dog Brand Flour Middlings

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand Cottonseed Meal
Danish Brand Cottonseed Meal
Dixie Brand Cottonseed Meal

J. F. Imbs Milling Co., Belleville, Ill.

Charm Pure Winter Wheat Bran

Imperial Grain & Milling Co., Toledo, Ohio.

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran
Blackhawk Wheat Flour Middlings
Blackhawk Wheat Red Dog
Blackhawk Wheat Standard Middlings

International Vegetable Oil Co., Inc., Savannah, Ga.

High Grade Cottonseed Meal

Henry James & Son, Inc., 20 Stockbridge St., Springfield, Mass.

Special Meat & Bone Scrap

Jersee Co., Minneapolis, Minn.

Just Right Egg Mash

The Kansas Flour Mills Corp., Kansas City, Mo.

Big Flake Pure Wheat Bran

Kellogg Co., Battle Creek, Mich.

White Hominy Feed

Kelloggs & Miller, Inc., Amsterdam, N. Y.

"K&M" Brand Pure Old Process Linseed Oil Meal

Spencer Kellogg & Sons, Inc., Buffalo, N. Y.

Kellogg's 34% Protein Quality Pure Old Process Linseed Meal and
Palatable Flaxseed Screenings Oil Feed

Kellogg's 37% Protein Pure Old Process Linseed Meal

H. H. King Flour Mills Co., Minneapolis, Minn.

"Gold Mine" Feed

King Midas Mill Co., Minneapolis, Minn.

Wheat Standard Middlings

Krause Milling Co., Milwaukee, Wis.

Badger White Hominy Feed

A. S. Labieniec, Kensington, Conn.

Reliable Laying Mash

The Laden Bros. Co., Inc., Wallingford, Conn.

Laden's Baby Chick Starter

Laden's Dairy Feed

Laden's Growing Mash

Laden's Laying Mash

Land O'Lakes Creameries, Inc., Minneapolis, Minn.

Dried Buttermilk

Dried Skimmilk

Lake County Oil Mill, Tiptonville, Tenn.

Cottonseed Meal 41%

The Larabee Flour Mills Co., Kansas City, Mo.

Sunfed Pure Winter Wheat Bran

Sunfed Winter Wheat Bran with Ground Wheat Screenings

Larowe Milling Co., Box 68, North End Station, Detroit, Mich.

Dried Beet Pulp

Dried Molasses-Beet Pulp

41% Protein Cottonseed Meal Prime Quality

43% Protein Cottonseed Meal Choice Quality

Larro Broiler Feed

Larro Calf Meal

Larro Chick Grains

Larro Chick Starter

Larro Egg Mash

Larro Growing Grains

Larro Growing Mash

Larro Pork-Maker

Larro Poultry Fattening Feed

Larro Scratch Grains

Larrowe Milling Co., Box 68, North End Station, Detroit, Mich.*(Continued)*

Larro-The Ready Ration for Dairy Cows
Larro Turkey and Game Bird Adult Mash
Larro Turkey and Game Bird Developer
Larro Turkey and Game Bird Starter

Libner Grain Co. Inc., 27 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Broiler Ration
Libner's Blue Ribbon Chick Starter
20% Libner's Blue Ribbon Dairy Ration
24% Libner's Blue Ribbon Dairy Ration
12% Libner's Blue Ribbon Fitting Ration
Libner's Blue Ribbon Growing Mash
Libner's Blue Ribbon Milk Egg Mash

C. W. Lines Co., 173 Chestnut St., New Britain, Conn.

Homestead Dry Mash
Homestead Scratch Feed
Mill Pride Dairy Ration
Mill Pride Fancy Scratch Feed
Mill Pride Milk Mash

Litchfield County Co-op. Assoc., Torrington, Conn.

Common Sense Dairy
Common Sense Growing Mash
Common Sense Laying Mash

Long Hill Feed Store, Long Hill, Conn.

Square Deal Buttermilk Laying Mash
Square Deal Dairy Ration

L. B. Lovitt & Co., Memphis, Tenn.

"Lovit Brand" 36% Cottonseed Meal
"Lovit Brand" 41% Cottonseed Meal
"Lovit Brand" 43% Cottonseed Meal

Maine Fish Meal Co., Portland, Me.

Sardine Maine Fish Meal

E. Manchester & Sons, Winsted, Conn.

Huntington Red Star Egg Mash
Red Star Egg Mash
Red Star Flour Middlings
Red Star Growing Mash
Red Star Mixed Feed
Red Star Scratch Feed
Red Star Special Dairy Feed
Red Star Starting Mash
Red Star Sweet Sixteen Dairy Feed

The Mann Bros. Co., Buffalo, N. Y.

The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal
The Mann Bros. Co. 37% Protein Pure Old Process Linseed Meal

Maple Leaf Milling Co. Ltd., Toronto, Ontario, Canada.

Pure Wheat Bran
Rex Wheat Middlings

Maritime Milling Co., Inc., Buffalo, N. Y.

B-B Daisy All Mash Starter and Growing Feed
 B-B Daisy Chick Feed
 B-B Daisy Egg Mash with Dried Buttermilk
 B-B Daisy Scratch Feed
 B-B Hi-Test Dairy Feed 20%, Sweetened
 B-B Hi-Test Dairy Feed 24%, Sweetened
 B-B Marmico 16% Dairy Feed with Molasses
 B-B Pure Corn & Oats Half & Half
 B-B Red Dog Wheat Flour
 B-B Turkey Starting and Growing Feed Vitamized with Cod Liver Oil
 Bull Brand Calf Meal
 Bull Brand Developing Feed
 Bull Brand Heavy Mixed Feed
 Bull Brand Horse Feed with Alfalfa and Molasses
 Bull Brand Laying Mash
 Bull Brand Scratch Feed
 Bull Brand Stock Feed
 Bull Brand Wheat Flour Middlings
 Dealer's Mixing Feed with Molasses
 Dollar Maker Egg Mash
 Dollar Maker Growing Mash Vitamized with Cod Liver Oil
 Sweetened B-B Farmers Mixing Feed
 Sweetened Bull Brand "20" Dairy Ration
 Sweetened Bull Brand "24" Dairy Ration
 Sweetened Dollar Maker Dairy Feed
 Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil
 Vitamized Bull Brand Chick Starter
 Vitamized Bull Brand Growing Mash

C. J. Martenis Grain Co., L-3 Produce Exchange Bldg., New York, N. Y.

Alco Dried Brewers Grains

Meador Milling Co. Inc., Hoboken, N. J.

Purifine Linseed Oil Meal

Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.

Red Wing Dairy Ration
 Red Wing Mixed Feed
 Red Wing Molasses Horse Feed
 Red Wing Special Buttermilk Chick Starter
 Red Wing Special Buttermilk Growing Feed
 Red Wing Special Buttermilk Laying Mash
 Red Wing Special Chick Feed
 Red Wing Special Dairy Ration
 Red Wing Special Intermediate Chick Feed
 Red Wing Special Scratch Feed
 Red Wing Stock Feed

Milmine, Bodman & Co. Inc., 115 Produce Exchange, New York City.

Dried Beetpulp

Miner-Hillard Milling Co., Wilkes-Barre, Pa.

No. 1 Scratch Feed
 Rye Middlings
 "1795" Steam Cooked Corn & Oats
 Steam Cooked Hominy Feed
 Wheat Bran
 Wheat Middlings

Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.

Monti-Van High Grade Meat Scrap Containing Bone

Geo. Q. Moon & Co. Inc., Binghamton, N. Y.

Moon's Baby Chick Grains
Moon's Baby Chick Starter Mash
Moon's 20% Dairy Feed with Molasses
Moon's 24% Dairy Ration
Moon's Developing Grains
Moon's Fresh Ground Mixed Feed
Moon's Fresh Ground White Middlings
Moon's Growing Mash
Moon's Hominy Feed
Moon's Laying Mash with Dried Buttermilk
Moon's Scratch Feed
Moon's Special A Laying Mash with Dried Buttermilk
Moon's Stock Feed
Moon's Wheat Bran
Moon's X Dairy Ration

Moran-Patton Co., 234 Cedar St., New Haven, Conn.

C-B Mash

Fred C. Morse & Son, Guilford, Conn.

Old Mill 20% Dairy Feed
Old Mill Dairy Feed 24%
Old Mill Fitting Feed
Old Mill Growing Mash
Old Mill Horse Feed
Old Mill Laying Mash
Old Mill Laying Mash with Milk
Old Mill Provender
Old Mill Scratch Feed
Old Mill Starting Mash

Jas. F. Morse & Co., Somerville, Mass.

Morse's Meat Scrap

Moseley & Motley Milling Co., Rochester, N. Y.

Big B Wheat Bran
Big B Wheat Middlings

Mt. Vernon Milling Co., Mt. Vernon, Ind.

Poco Hominy Feed

The National Milling Co., Toledo, Ohio.

Namico
Pure Wheat Bran

Newsome Feed & Grain Co., Pittsburgh, Pa.

Palmo Midds

Niagara Falls Milling Co., Lockport, N. Y.

Niagara Standard Wheat Bran
Niagara Standard Wheat Midds

Northwestern Consolidated Milling Co., Minneapolis, Minn.

Planet Feed
Pure Wheat Bran
Wheat Flour Middlings
Wheat Mixed Feed
Wheat Standard Middlings
XXX Comet

Norwalk Grain Co. Inc., 48 Main St., Norwalk, Conn.

Favorite Scratch

Nowak Milling Corp., Hammond, Ind.

Domino Chick Pel-ets
Domino Duo-fold Pel-ets
Domino Egg Pel-ets
Domino Growing Pel-ets
Domino Laying Mash with Buttermilk
Domino Scratch Feed
Export Scratch Feed
Fidelity Scratch Feed
Fidelity Stock Feed

Ogilvie Flour Mills Co. Ltd., Montreal, Canada.

Ogilvie's Wheat Bran
Ogilvie's Wheat Shorts

Omaha Flour Mills Co., Omaha, Neb.

Omar Wheat Standard Midds

Ontario Milling Co. Inc., Oswego, N. Y.

Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Coarse Chick Grains
Aunt Mary's Fine Chick Grains
Aunt Mary's Growing Mash with Dried Buttermilk
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Laying Mash with Dried Buttermilk
Aunt Mary's Laying Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Scratch Feed
Big Value Dairy Feed
Big Value 20% Dairy Feed with Molasses
Butterfat Dairy Feed with Molasses
Ontario Heavy Mixed Feed
Onto Horse Feed with Molasses
Oswego 20% Dairy Feed with Molasses
Oswego 24% Dairy Feed with Molasses
Oswego Laying Mash with Dried Buttermilk
Oswego Scratch Feed
Uncle John's 24% Cream Pot Ration
Uncle John's Stock Feed with Molasses

S. V. Osborn Estate, Branford, Conn.

Osborn Mash
Osborn Provender
Osborn Scratch

Park & Pollard Co., Inc., Buffalo, N. Y.

All-In-One Starting Feed
Bet-R-Milk 20% Ration
Bison Stock Feed Sweetened
Chelsea Horse Feed
Claco Dairy Ration
Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$
Fawthrop's Special 20% Dairy Ration (Manufactured for Walter Fawthrop, Cromwell, Conn.)
Feed Meal
Growing Feed
Growing Feed with Cod Liver Oil
Go-Tu-It Pig & Hog Ration
Herdhelth 16% Ration
Holcomb's Sweetened 16% Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.)
Holcomb's Sweetened 20% Dairy Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.)
Intermediate Chick Feed
Lay or Bust Dry Mash
Lay or Bust Dry Mash with Cod Liver Oil
Milkade Calf Meal
Milk-Maid 24% Sweetened Dairy Ration
Overall 24% Dairy Ration
Park & Pollard Breeder Mash
Park & Pollard Broiler Ration
Park & Pollard Chick Scratch
Park & Pollard Chick Starter
Park & Pollard Fitting Ration
Park & Pollard Horse Feed
Park & Pollard Stock Feed
Park & Pollard Turkey Grower
Park & Pollard Turkey Starter
Red Ribbon Chick Feed
Red Ribbon Scratch Feed
Top Notch 16% Ration
Wheat Flour Middlings

The Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.

Alfalfa Meal
Peevee Alfalfa Leaf Meal
Velvet Meal

Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.

Douglas Corn Gluten Feed
Douglas Corn Gluten Meal

Perkins Oil Co. Inc., Memphis, Tenn.

Goldenrod Brand Cottonseed Meal

Pillsbury Flour Mills Co., Minneapolis, Minn.

Pillsbury's XX Daisy Wheat Red Dog
Pillsbury's Durum Wheat Bran and Screenings
Pillsbury's Fancy Mixed Feed and Screenings
Pillsbury's Hard Wheat Bran and Screenings
Pillsbury's Hard Wheat A Middlings and Screenings

Pillsbury Flour Mills Co., Minneapolis, Minn.—(Continued)

Pillsbury's Hard Wheat Standard B Middlings and Screenings
Pillsbury's Rye Middlings and Screenings
Pillsbury's Wheat Bran and Screenings

Maurice Pincoffs Co., Houston, Texas.

Pinco Brand Cottonseed Meal

Pittsburgh Plate Glass Co., Newark, N. J.

Red Wing Linseed Meal 32%
Red Wing Linseed Meal 34%

The Frank S. Platt Co., 450 State St., New Haven, Conn.

Platco Laying Mash
Platco Perfection Grain Mixture

Postum Co., Inc., Battle Creek, Mich.

Burt's Dairy Feed
Burt's Hominy Feed

Pratt Food Company, Inc., Buffalo, N. Y.

Armour's 24% Dairy Feed
Iroquois Scratching Grains
Pratt's Baby Chick Food with Buttermilk
Pratt's B-P Dairy Feed
Pratt's Cak-Cak Egg Mash with Buttermilk, Fish, Meat, Etc.
Pratt's Calf Meal with Buttermilk
Pratt's Chick Scratch Feed
Pratt's Circle A Large Scratch Feed
Pratt's Growing Mash with Buttermilk
Pratt's Horse Feed
Pratt's Horse Feed with Alfalfa
Pratt's Intermediate Scratch Feed
Pratt's Laying Mash with Buttermilk
Pratt's Large Scratch Feed
Pratt's Sweet 16% Dairy Feed
Pratt's Sweet 20% Dairy Feed
Pratt's Sweet 24% Dairy Feed
Pratt's Utility Horse Feed

Chas. W. Priddy & Co., Inc., Norfolk, Va.

"The Best" Fish Meal

H. C. Puffer Co., Springfield, Mass.

Egg-Em-On Growing Feed
Egg-Em-On Laying Mash
Egg-Em-On Scratch Grains
Producer Dairy Feed 20%
Producer Dairy Feed 24%
Sweetened Producer Dairy Feed

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.

Banner Feed
Barley Feed
Bell Cow Bran
Bell Cow Shorts
Big Egg Scratch Grains, No Grit
Buckeye Feed
Early Bird Coarse Chick Feed

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.—(Continued)

Early Bird Fine Chick Feed, No Grit
Early Bird Scratch Grains, No Grit
Feeding Oatmeal
Quaker Ful-O-Pep Broiler Mash
Quaker Ful-O-Pep Chick Starter
Quaker Ful-O-Pep Coarse Chick Feed
Quaker Ful-O-Pep Egg Mash
Quaker Ful-O-Pep Fine Chick Feed
Quaker Ful-O-Pep Growing Mash
Quaker Ful-O-Pep Scratch Grains
Quaker Ful-O-Pep Station Grade Fattening Feed
Quaker Green Cross Horse Feed
Quaker 16% Protein Dairy Ration
Quaker 20% Protein Dairy Ration
Quaker 24% Protein Dairy Ration
Quaker Schumacher Feed
Quaker Sugared Schumacher Feed
Quaker Thorobred Horse Feed
Richford White Diamond Stock Feed
Schumacher Calf Meal
Schumacher Scratch Grains, No Grit
Sugared Vim Feed
Vim Feed
White Hominy Feed
Yellow Hominy Feed

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal
Corn and Oat Provender
Dried Beet Pulp
Fine Ground Poultry Alfalfa Meal
Protena 16% Dairy Feed
Protena 20% Dairy Feed
Protena 24% Dairy Feed (Buffalo Mill)
Protena Scratch Feed (Buffalo Mill)
Protena Sweet Roughage Feed (Buffalo Mill)
Purina All Mash Egg Chowder
Purina All Mash Startena Chow
Purina Breeder Egg Chowder
Purina Bulky Cow Chow
Purina Bulky Las Chow (Buffalo Mill)
Purina Bulky Omolene Chow
Purina Calf Chow
Purina Checkerboard Rolled Oats (Steamed Cooked)
Purina Chick Chow
Purina Chicken Fat Chow
Purina Chicken Fatena Chow
Purina Chick Growena Chow
Purina Chick Growena Chow (With Cod Liver Oil)
Purina Chick Startena Chow
Purina 20% Cow Chow
Purina 24% Cow Chow
Purina 34% Cow Chow
Purina 32% Chowder
Purina Egg Chowder
Purina Egg Chowder (With Cod Liver Oil)
Purina Egg Chowder (With Dried Buttermilk)
Purina Fitting Chow
Purina Hen Chow

Ralston Purina Co., St. Louis, Mo.—(Continued)

Purina Hog Fatena Chow
 Purina Intermediate Hen Chow
 Purina Lamb Chow
 Purina Lay Chow
 Purina Lay Chow (With Cod Liver Oil)
 Purina Lay Chow (With Dried Buttermilk)
 Purina Omolene Chow
 Purina Pig & Hog Chow
 Purina Turkey Growing and Fattening Chow
 Purina Turkey Growing and Fattening Chow (With Cod Liver Oil)
 Purina Turkey Startena Chow

John Reardon & Sons Co., Cambridge, Mass.

Register Brand Cod and Haddock Fish Meal
 45% Register Brand Meat and Bone Scrap
 55% Register Brand Meat Scraps

James Richardson & Sons, Ltd., Montreal, Quebec, Canada.

Richardson Pure Wheat Bran

Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada.

Blackhawk Standard Middlings
 Superior Pure Wheat Bran
 Superior Pure Wheat Shorts

Rockville Milling Co., Rockville, Conn.

K-Y Wheat Bran with Screenings

Sigmond Rothschild Co., Houston, Texas.

43% Bright Cotton Seed Meal (for stock feed)

Russell-Miller Milling Co., Minneapolis, Minn.

Alta Hard Wheat Middlings
 Hard Wheat Occident Bran
 Hard Wheat Occident Flour Middlings
 Hard Wheat Occident Mixed Feed
 Hard Wheat Occident Standard Middlings

Seymour Grain & Coal Co., Seymour, Conn.

Miracle Chick Feed
 Miracle Chick Grower
 Miracle Chick Starter
 Miracle Cow Feed
 Miracle Fitting Ration
 Miracle Molasses Horse Feed
 Miracle Laying Mash with Milk
 Miracle Scratch Feed
 See More Milk Dairy Feed

J. C. Shaffer Grain Co., St. Louis, Mo.

Shafco Wheat Bran with Screenings

Sheffield Farms Co. Inc., 524 W. 57th St. New York City.

Sheffield Skim Milk Powder

Shelton Feed Co. Inc., 73 Bridge St., Shelton, Conn.

Nelson's Mixed Chicken Feed

Sherwin Williams Co., 101 Prospect Ave., Cleveland, Ohio.

S. W. C. Old Process Linseed Meal

G. B. R. Smith Milling Co., Sherman, Texas.

Wheat Bran and Screenings
Wheat Gray Shorts

Ike Sovitsky, Ansonia, Conn.

Ansonia 20% Protein Sweetened Dairy Feed
Ansonia Egg Mash with Buttermilk
Ansonia Scratch Feed
Ansonia Stock Feed
Connecticut State Open Formula Dairy Ration

Soya Products, Inc., Chicago, Ill.

Super Soy

Sparks Milling Co., Alton, Ill.

Try Me Bran

Springfield Rendering Co., Springfield, Mass.

Boston Pure Cod & Haddock Meal
High Grade Poultry Feed
Springfield Poultry Feed
Springfield "55" Poultry Feed

A. E. Staley Manufacturing Co., Decatur, Ill.

Staley's Corn Gluten Feed
Staley's Soybean Oil Meal

John T. Stanley Co., Inc., 642 W. 30th St., New York City.

Stanley's 45% Meat and Bone Scrap for Poultry

D. A. Stickell & Sons, Inc., Hagerstown, Md.

Blue Ridge Hog Ration
Mixed Wheat Feed
Snap Scratch Grains
Special 20% Dairy Feed
Stickell's Certified 20% Ration
Stickell's Certified 22% Ration
Stickell's Growing Mash
Stickell's Intermediate Chick Feed
Stickell's Pure Wheat Bran
Stickell's Pure Wheat Flour Middlings
Su-Pur All Mash Starter
Su-Pur 85% Horse Feed
Two in One Scratch Grains
Victor Scratch Grains

St. Albans Grain Co., St. Albans, Vt.

Brewers Dried Grains
Corn Distillers Dried Grains
Hygrade Fitting Ration¹
Hygrade Fitting Ration or Stock Feed
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration

¹ Substituted for Hygrade 14 Fitting Ration.

St. Albans Grain Co., St. Albans, Vt.—(Continued)

King All-Purpose Chick and Broiler Ration
 King Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod
 Liver Oil
 King Chick Feed
 King 20 Dairy Feed Sweetened
 King Dairy Feed with Beet Pulp Sweetened
 King Growing Feed containing Buttermilk
 King Growing Feed containing Cod Liver Oil-Buttermilk
 King Horse Feed
 King Intermediate Chick Feed
 King Mash Feed containing Buttermilk
 King Mash Feed containing Cod Liver Oil-Buttermilk
 King 22 Milk Ration Sweetened
 King Scratch Feed
 King Stock Feed
 Mornin' Call Poultry Grains
 Paragon Dairy Feed
 Paragon Dairy Feed Sweetened
 Paragon Hominy Feed
 Paragon Scratch Feed
 Utility Dairy Ration
 Utility 60 Pasture Ration
 Wirthmore All-Purpose Chick and Broiler Ration
 Wirthmore Baby Chick Scratch Feed
 Wirthmore Baby Chick Starter containing Cod Liver Meal-Buttermilk,
 Cod Liver Oil
 Wirthmore 25 Balanced Ration
 Wirthmore 25 Balanced Ration Sweetened
 Wirthmore Breeder Mash
 Wirthmore Calf Meal
 Wirthmore Complete Ration for Layers
 Wirthmore 16 Dairy Ration Sweetened
 Wirthmore 20 Dairy Feed
 Wirthmore 20 Dairy Feed Sweetened
 Wirthmore Dairy Feed with Beet Pulp—Sweetened
 Wirthmore Duck Growing Feed
 Wirthmore 14 Fitting Ration
 Wirthmore Flour Middlings
 Wirthmore Fodder Greens
 Wirthmore Growing Mash containing Buttermilk
 Wirthmore Growing Mash containing Cod Liver Oil-Buttermilk
 Wirthmore Horse Feed
 Wirthmore Intermediate Scratch Feed
 Wirthmore Laying Mash with Buttermilk
 Wirthmore Laying Mash containing Cod Liver Oil-Buttermilk
 Wirthmore Pig and Hog—A Growing and Fattening Feed
 Wirthmore Scratch Feed
 Wirthmore Stock Feed
 Wirthmore Turkey Growing
 Wirthmore Turkey Starter containing Cod Liver Meal-Buttermilk
 Wirthmore Wheat Feed

St. Lawrence Flour Mills Co., Ltd., Montreal, Quebec, Canada.

Bran—(Product of Wheat)

Chas. M. Struven Co., Baltimore, Md.

Struven's Fish Meal

Swift & Co., Union Stock Yards, Chicago, Ill.

Swift's Dried Buttermilk
Swift's Meat and Bone Scraps
Swift's Poultry Bone Meal

Syracuse Milling Co., Syracuse, N. Y.

Jordan Horse Feed with Molasses
Onondaga Dairy Feed, Sweetened
Onondaga Scratch Grains
Syragold Chick Feed
Syragold Chick Starter
Syragold Dairy Feed
Syragold Dairy Feed—Sweetened
Syragold Egg Mash
Syragold Feed Meal
Syragold Flour Middlings with Mill Run Screenings
Syragold Growing Mash
Syragold Growing Mash with Cod Liver Meal
Syragold Ground Corn and Oat Feed
Syragold Horse Feed with Molasses
Syragold Laying Mash with Buttermilk
Syragold Laying Mash with Buttermilk and Cod Liver Meal
Syragold Milk Ration
Syragold Milk Ration—Sweetened
Syragold Scratch Grains
Syragold Stock Feed

Thomaston Supply Co., Inc., Thomaston, Conn.

Thomaston Dairy Ration
Thomaston Egg Mash with Cod Liver Oil
Thomaston Growing Mash with Cod Liver Oil
Thomaston Scratch

Tioga-Empire Feed Mills, Inc., Waverly, N. Y.

Chicatine
Chicatine with Cod Liver Oil Added
Derby-E-Gee Chick Grains
Derby-E-Gee Scratch
Derby Ground Corn and Oats
Duck Fattener
Egatine
Egatine with Cod Liver Oil Added
E-Gee Dairy Feed
Neverfail Horse Feed
Or-Co Feed
Red Brand Tioga Dairy
Ti-O-Ga Calf Food
Ti-O-Ga Chick and Growing Mash
Tioga Chick and Growing Mash with Cod Liver Oil
Ti-O-Ga Laying Food
Ti-O-Ga Neverfail Chick Grains
Ti-O-Ga Neverfail Growing Grains
Ti-O-Ga Neverfail Poultry Grain
Waverly Flour Middlings
White Brand Tioga Dairy Feed

Jacob Trinley & Sons, Linfield, Pa.

Corn Feed Meal
Favorite Horse Feed
Favorite Laying Mash
Favorite Scratch Grains
Melo Horse Feed
Supreme 85% Horse Feed

Union Starch and Refining Co., Columbus, Ind.

Union Corn Gluten Feed

United Co-Operative Farmers, Inc., Fitchburg, Mass.

United Farmers Milk Egg Mash
United Farmers Milkmaker

United Mills Co., Inc., Grafton, Ohio.

U. M. C. Wheat Middlings

Upper Hudson Rye Flour Mills, Inc., 7-9 Madison St., Troy, N. Y.

Upper Hudson Rye Feed

Van Iderstine Co., Long Island City, N. Y.

Vico High Protein Meat Scraps
Vico Pure Ground Meat & Bone Scraps
Vico Quality Meat & Bone Scraps

Van Vechten Milling Co., Inc., Rochester, N. Y.

Irving Mills Rye Feed

Victor Flour Mills, Inc., Pittsford, N. Y.

Victor Spring Wheat Bran
Victor Spring Wheat Middlings

Ward Dry Milk Co., St. Paul, Minn.

Ward's Pure Dried Buttermilk
Ward's Pure Dried Skim Milk

Watertown Co-operative Ass'n, Watertown, Conn.

Sterling Scratch Feed

Wayne County Grangers Feed Corp., Clyde, N. Y.

Clyde 20% Dairy Feed
"Galen 24% Dairy Feed"
"Milk Producer 24% Dairy Feed"
"Superior 20% Dairy Feed"
"Sweetened 16% Dairy Feed"
Universal Horse Feed

F. S. Wertz & Son, Reading, Pa.

Faramel Horse Feed
Mixed Grains for Poultry
Reading Egg Mash
Special Dairy Feed
Wertz's 20% Dairy Feed
Wertz's Growing Mash with Malted Skimmed Milk
Wertz's Horse Feed with Alfalfa and Molasses

West Bay City Sugar Co., Bay City, Mich.

Dried Beet Pulp

West-Nesbitt, Inc., Oneonta, N. Y.

All Pure 20% Milk Ration
Connecticut State Formula Mash
Pure Feed Dairy Ration
Pure Feed Eggmaker
Pure Feed Egg Mash
Pure Feed Egg Mash with Buttermilk
Pure Feed Starting Mash
Super Pure Feed Dairy Ration
Super Pure Sweetfeed Dairy Ration

Wolf's Feed Store, 165-169 Center St., Shelton, Conn.

Wolf's Egg Mash
Wolf's 20% Dairy Ration
Wolf's Scratch Feed

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal
P. W. Meat Scrap
P. W. Special Meat Scrap

The Yantic Grain & Products Co., Norwich, Conn.

Abington Dairy Feed
Almo
Big (Y) Broiler Ration
Big (Y) Buttermilk Laying Mash
Big (Y) Chick Grains
Big (Y) Chick Starter with Cod Liver Oil
Big (Y) Dairy Ration 16%
Big (Y) Dairy Ration 20%
Big (Y) Dairy Ration 24%
Big (Y) Fitting Ration
Big (Y) Flour Middlings
Big (Y) Growing Feed
Big (Y) Hog and Pig Ration
Big (Y) Horse Feed
Big (Y) Intermediate Chick Grain
Big (Y) Laying Mash
Big (Y) Laying Mash with Buttermilk and Cod Liver Oil
Big (Y) Mixed Feed
Big (Y) Scratch Feed
Big (Y) Stock Feed
Big (Y) Sugared Stock Feed
Big (Y) Turkey Growing Feed
Calico Girl Scratch Feed
Columbia Scratch Feed
Economy Pasture Ration
Eureka Dairy Ration 20%
Eureka Dairy Ration 24%
O F D Ration 20%
O F D Ration 24%
Uncas Scratch Feed

INSPECTION

For the year 1932 a total of 1,358 samples of feeding stuffs and related materials have been examined. They are classified as follows :

Concentrated feed stuffs.....	836
Miscellaneous feeds examined for individuals.....	72
Feeds examined for poisons, etc.	12
Pasture grass samples and other fodder materials from Storrs' station	417
Check samples, cottonseed meal and feed.....	21
Total	<u>1358</u>

Samples submitted by the Storrs Agricultural station are not discussed in this report.

From the summaries given in Tables 1 *a* and 1 *b* it appears that of 836 official samples 121 were deficient in one or more items of nutrients guaranteed, but of the total guaranties made (2508), the total number of deficiencies was 128. Thus it is seen that 85% of the samples substantially met or exceeded guaranties, and that of the total guaranties made 95% were met or exceeded.

Only one instance of the use of wire in attaching tags was found. Such practice is illegal in this State.

No serious contamination with weed seeds was noted and, in general, ingredients claimed were substantiated so far as our microscopic examinations could discover.

Analyses of all official samples are reported to the purchaser and to the manufacturer or jobber as soon as they are made and, in case of deficiencies, portions of our samples are submitted to manufacturers for checking if the request is made.

NOTE. Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilation of results largely by Mrs. Vosburgh.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	OIL SEED PRODUCTS <i>Cottonseed meal</i>									
9107	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet.....	Norwalk: Libner Grain Co.....	5.68	40.88	41.00		9.93	10.00	6.68	5.50
9187	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch.....	Seymour: Seymour Grain & Coal Co.....	5.58	43.25	43.00		8.05	10.00	6.35	6.00
535	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch.....	Norwalk: Libner Grain Co.....	7.96	44.00	43.00		9.03	10.00	6.18	6.00
974	Ashcraft-Wilkinson Co., Atlanta, Ga. Paramount.....	Middlefield: Middlefield Grain & Coal Co.....	7.75	37.88	36.00		10.00	14.00	6.63	5.00
1250	F. W. Brode Corp., Memphis, Tenn. Owl Brand 41%.....	Wallington: A. E. Hall.....	6.00	42.00	41.00		9.58	10.00	6.33	5.00
177	Humphreys-Godwin Co., Mem- phis, Tenn. Bull.....	Danielson: Dayville Grain Co....	6.35	42.88	43.00		8.13	11.00	7.23	5.00
9230	Humphreys-Godwin Co., Mem- phis, Tenn. Dixie.....	Branford: S. V. Osborn Est.....	7.65	40.88	41.00		10.00	12.00	6.18	5.00
1059	International Vegetable Oil Co., Savannah, Ga. High Grade...	Danielson: Dayville Grain Co....	6.48	40.88	41.00		10.08	10.00	6.18	6.00

997	Larowe Milling Co., Detroit, Mich. 41% Prime Quality....	Oneco: F. C. Whitford.....	6.58	40.63	41.00	7.43	10.00	7.00	6.00
68	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand," 41%.....	Wallingford: Laden Bros. Co., Inc.....	5.45	41.88	41.00	8.95	10.00	6.90	6.00
212	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand," 43%.....	New Milford: Paul Caldwell.....	6.38	42.19	43.00	8.55	10.00	5.98	6.00
470	Perkins Oil Co., Inc., Memphis, Tenn. Goldenrod Brand.....	Shelton: Wolf Savitsky.....	6.90	39.13	41.00	10.85	10.00	6.78	10.00
<i>Linseed meal</i>									
725	Archer-Daniels Midland Co., Minneapolis, Minn. Pure Old Process.....	New Milford: Geo. T. Soule & Co.	9.10	36.88	37.00	7.50	9.00	5.43	4.50
230	Bisbee Linseed Co., Philadelphia, Pa. Bisbee Brand Pure Old Process.....	Middlefield: Terrill & Burnham..	8.48	33.75	34.00	7.13	10.00	6.83	5.00
151	The Canada Linseed Oil Mills, Ltd., Montreal, Canada. "Maple Leaf" Oilcake Meal.....	Norwich: A. E. Shedd.....	5.83	39.06	38.00	7.30	9.00	5.53	5.00
727	Chas. M. Cox Co., Boston, Mass. Sherwin-Williams Screwpress Oil Cake Meal.....	New Milford: Geo. T. Soule & Co.	7.30	32.13	35.00	8.35	8.00	8.25	6.50
9183	Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Kellogg's 37% Old Process.....	Shelton: Wolf Savitsky.....	8.55	39.25	37.00	5.93	10.00	5.05	5.00
1055	Kelloggs & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process.....	Danielson: Dayville Grain Co....	7.85	33.88	34.00	6.95	9.00	6.95	5.00
9100	Meador Milling Co., Inc., Hoboken, N. J. Purifine.....	Bristol: C. A. Cowles.....	8.90	34.25	34.00	7.33	8.00	5.50	5.00
76	Pittsburgh Plate Glass Co., Newark, N. J. Red Wing 32%.....	Kensington: A. S. Labieniec.....	8.88	32.56	32.00	7.85	9.00	6.18	5.00
9106	Pittsburgh Plate Glass Co., Newark, N. J. Red Wing 34%.....	Norwalk: Libner Grain Co.....	9.23	34.00	34.00	7.98	9.00	6.28	5.00
1064	Sherwin-Williams Co., Cleveland, Ohio. S. W. C. Old Process.....	Branford: S. V. Osborn Est.....	8.38	39.06	34.00	7.20	10.00	5.85	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			Water					
OIL SEED PRODUCTS—Continued								
	<i>Soy bean meal</i>							
84	Archer-Daniels Midland Co., Minneapolis, Minn.	New Britain: C. W. Lines Co.	9.83	42.38	4.83	7.00	5.35	4.50
9071	Buckeye Cotton Oil Co., Cincinnati, Ohio.	Plantville: C. A. Cowles.	6.88	42.75	5.55	7.00	5.60	4.50
9269	Evans Milling Co., Indianapolis, Ind. Evans.	Seymour: Seymour Grain & Coal Co.	5.48	46.88	5.33	7.00	5.35	5.00
175	Soya Products, Inc., Chicago, Ill. Super Soy.	Norwich: A. E. Shedd.	9.48	37.81	5.10	6.50	5.83	5.00
9240	A. E. Staley Mfg. Co., Decatur, Ill. Staley's.	Guilford: Fred C. Morse & Son.	9.60	42.69	4.78	7.00	4.85	4.50
WHEAT PRODUCTS								
	<i>Wheat Bran</i>							
234	Atkinson Milling Co., Minneapolis, Minn. Atkinson.	Danielson: Dayville Grain Co.	10.20	16.13	7.63	12.00	4.13	4.00
556	Commander-Larabee Corp., Minneapolis, Minn. Sunfed.	Kensington: A. S. Labieniec.	11.33	15.75	9.60	12.00	5.10	4.00

236	Copeland Flour Mills, Midland, Ontario, Canada. Dandy	Kent: H. H. Taylor & Son.	11.18	16.25	15.00	9.60	11.50	4.98	3.50
1013	Chas. M. Cox Co., Boston, Mass. Pioneer	Southport: C. Buckingham & Co. Amston: Amston Grain Mill.	5.93	16.00	14.00	9.78	12.00	5.58	3.50
970	Duluth Superior Milling Co., Duluth, Minn. Duluth Imperial. B. A. Eckhart Milling Co., Chicago, Ill. Pure	New Haven: R. G. Davis & Sons, Inc.	11.38	16.63	15.00	8.28	13.00	5.25	3.75
604	Farmers Wholesale Co., Minneapolis, Minn. Farmer Boy ..	Stafford Springs: Stafford Farmers Co-op. Assoc.	13.50	17.69	14.00	9.33	12.00	4.68	3.50
1070	Federal Mill, Inc., Lockport, N. Y. Lucky Hard Wheat.	Guilford: Fred C. Morse & Son. .	10.20	17.13	14.00	8.83	12.00	4.60	4.00
846	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat.	Guilford: Fred C. Morse & Son. .	10.98	14.69	14.00	9.50	14.00	5.60	3.00
672	Frank B. Ham & Co., Ltd., Toronto, Canada. Hamco Brand.	Bridgeport: Brooklawn Feed Co.. Mansfield Depot: M. M. Hansen. New Britain: C. W. Lines Co.	11.23	15.75	14.00	8.78	12.00	5.05	4.00
561	Wm. Hamilton & Son, Inc. Calcedonia, N. Y.	Bridgeport: Brooklawn Feed Co.. Mansfield Depot: M. M. Hansen. New Britain: C. W. Lines Co.	10.88	16.38	13.50	9.30	12.00	5.35	3.00
673	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice.	New Britain: C. W. Lines Co.	10.85	15.00	13.25	9.88	11.60	4.45	2.90
844	J. F. Imbs Milling Co., St. Louis, Mo. Charm Pure Winter.	Southport: C. Buckingham & Co. Greenwich: T. Loughlin & Son. .	11.00	15.75	13.50	10.20	14.00	5.03	3.50
34	International Milling Co., Minneapolis, Minn. Black Hawk Pure Kansas Flour Mills Corp., Kansas City, Mo. Big Flake Pure.	Greenwich: T. Loughlin & Son. . Suffield: Spencer Bros.	10.78	16.00	14.00	7.80	11.00	4.83	3.50
805	Larabee Flour Mills Co., Kansas City, Mo. Sunfed Pure Winter. .	Suffield: Spencer Bros.	11.23	16.50	15.00	8.50	12.00	5.33	3.20
471	Larabee Flour Mills Co., Kansas City, Mo. Sunfed Pure Winter. .	Granby: E. H. Rollins.	12.08	15.13	15.00	8.43	11.00	4.30	3.50
522	Larabee Flour Mills Co., Kansas City, Mo. Sunfed Winter, with screenings.	Shelton: Wolf Savitsky.	12.10	17.25	15.00	9.03	11.00	4.68	3.50
366	Maple Leaf Milling Co., Toronto, Canada. Pure.	Guilford: Fred C. Morse & Son. . Norwich: Norwich Grain Co.	11.78	15.75	15.00	8.88	11.00	4.50	3.50
		Guilford: Fred C. Morse & Son. . Norwich: Norwich Grain Co.	12.03	16.88	15.00	9.10	11.50	5.35	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
WHEAT PRODUCTS—Continued										
Wheat Bran—Concluded										
560	Miner-Hillard Milling Co., Wilkes-Barre, Pa.....	New Britain: C. W. Lines Co....	11.75	14.63	13.00	8.68	10.00	5.28	4.00	
779	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's.....	Norfolk: Aug. Curtis.....	10.63	15.75	13.00	7.28	10.00	4.83	3.00	
978	Moseley & Motley Milling Co., Rochester, N. Y. Big B.....	Groton: C. W. Campbell Co.....	10.73	15.63	13.50	9.70	13.00	5.40	3.00	
474	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard..	New Haven: The Moran & Patton Co.....	12.58	15.88	15.50	10.03	11.50	4.48	4.00	
726	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard..	New Milford: Geo. T. Soule & Co. Watertown: Watertown Co-op. Asso.....	11.10	16.75	14.00	9.33	12.00	5.35	4.00	
796	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's.....		11.63	17.38	14.50	7.70	10.00	4.85	3.50	
1406	Rockville Milling Co., Rockville, Conn. K-Y.....	Rockville: Rockville Milling Co..	9.18	15.81	14.00	10.08	11.00	4.18	3.50	
1065	J. C. Shaffer Grain Co., St. Louis, Mo. Shafco.....	Branford: S. V. Osborn Est.....	10.93	15.63	14.50	7.33	10.00	4.65	3.50	

1035	Sparks Milling Co., Alton, Ill.	East Haven: A. W. Forbes....	9.03	16.63	15.00	9.03	10.00	5.08	3.50
876	Try-Me..... D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Pure.....	Meriden: H. Grulich.....	10.30	15.00	14.00	8.28	10.00	4.25	4.00
9471	Victor Flour Mills, Inc., Pittsford, N. Y. Victor Spring.....	Hazardville: A. D. Bridge's Sons.	9.75	18.00	15.00	7.65	11.00	4.90	4.00
	<i>Wheat middlings and similar products</i>								
944	Acme-Evans Co., Indianapolis, Ind.	Rockville: Rockville Grain & Coal Co.....	10.40	16.63	15.00	5.85	7.50	4.75	4.00
1071	Acme Millings..... Atkinson Milling Co., Minneapolis Minn. Atkinson Wheat Stan- ard Middlings.....	Willimantic: Willimantic Grain Co.	11.30	18.25	15.00	5.78	9.50	4.80	4.00
97	Commander - Larabee Corp., Minneapolis, Minn. Sunfed Wheat Standard Middlings....	Rockville: Rockville Grain & Coal Co.....	10.28	17.44	14.50	8.45	9.50	5.63	4.00
793	Chas. M. Cox Co., Boston, Mass. Lake Woods Shorts.....	Woodbury: C. L. Adams.....	10.40	18.75	16.00	7.40	8.00	5.58	5.00
1088	Duluth Superior Milling Co., Duluth, Minn. Standard Mid- dlings.....	Danielson: Dayville Grain Co....	10.20	18.50	15.00	6.15	9.50	5.43	4.00
285	Eagle Roller Mills Co., New Ulm, Minn. Eagle Wheat Standard Middlings.....	Wallingford: Laden Bros. Co., Inc.....	9.38	17.63	15.00	6.15	9.50	4.35	4.00
603	B. A. Eckhart Milling Co., Chi- cago, Ill. Standard Wheat Mid- dlings.....	New Haven: R. G. Davis & Sons, Inc.....	10.63	17.00	15.00	8.00	9.50	5.13	4.00
1046	Federal Mill, Inc., Lockport, N. Y. Lucky Hard Wheat Middlings..	Danielson: Young Bros.....	10.53	17.44	15.00	5.25	9.50	4.65	4.50
648	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Med- al Hard Wheat Standard Mid- dlings and Wheat Screenings....	West Cheshire: Cheshire Grain & Coal Co.....	10.58	20.44	15.00	6.43	9.50	5.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	WHEAT PRODUCTS—Continued <i>Wheat middlings and similar products—Continued</i>									
951	Frank B. Ham & Co., Ltd., Toronto, Canada. Hamco Brand									
1039	Wheat Shorts Wm. Hamilton & Son, Inc., California, N. Y. Wheat Middlings. .	Mansfield Depot: M. M. Hansen. New Haven: R. G. Davis & Sons, Inc.	9.93	17.94	15.00	6.65	10.50	5.85	3.50	
652	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings.	Inc.	11.05	18.38	14.90	5.13	5.40	5.45	4.90	
771	Red Dog Brand Flour Middlings	Plantville: C. A. Cowles.	10.30	19.63	15.00	6.55	9.50	5.88	4.75	
36	International Milling Co., Minneapolis, Minn. Black Hawk	Guilford: Fred C. Morse & Son. . .	10.60	17.50	14.00	4.23	5.00	3.88	3.00	
473	Wheat Flour Middlings. International Milling Co., Minneapolis, Minn. Black Hawk	Suffield: Spencer Bros.	10.03	18.69	16.00	2.15	4.00	4.53	3.50	
847	Wheat Standard Middlings. King Midas Mill Co., Minneapolis, Minn. Wheat Standard Middlings.	Shelton: Wolf Savitsky. Guilford: Fred C. Morse & Son. . .	11.55	17.88	16.00	7.08	8.50	5.35	4.50	
			10.60	17.81	15.00	6.73	9.50	5.33	4.00	

745	E. Manchester & Sons, Winsted, Conn. Red Star Flour Middlings.....	Winsted: E. Manchester & Sons...	10.30	18.06	15.00	5.08	6.00	4.95	4.00
367	Maple Leaf Milling Co., Toronto, Canada. Rex Wheat Middlings.	Norwich: Norwich Grain Co.....	11.25	17.00	16.00	6.73	7.50	5.38	5.00
670	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Fresh Ground White Middlings.....	Stratford: Z. C. Ingersoll.....	9.30	15.06	15.00	7.98	7.50	4.68	3.50
649	Moseley & Motley Milling Co., Rochester, N. Y. Big B Wheat Middlings.....	Cheshire: Center Grain Co.....	10.63	17.56	15.00	5.55	9.00	4.88	4.50
104	National Milling Co., Toledo, Ohio. Namco.....	Stafford Springs: Valley Grain Co.	8.98	15.88	15.00	6.08	9.00	4.38	3.50
792	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Wheat Midds.....	Southbury: Southbury Grain Co.	11.25	16.75	15.50	6.08	7.00	5.33	4.50
891	Northwestern Consolidated Milling Co., Minneapolis, Minn. Wheat Standard Middlings.....	Bloomfield: Bloomfield Farmers' Ex.....	9.40	17.13	15.00	8.55	9.50	5.58	4.00
608	Omaha Flour Mills Co., Omaha, Neb. Omar Standard Wheat Midds.....	East Haven: A. W. Forbes.....	11.78	17.13	15.00	5.28	8.00	4.15	3.50
241	Park & Pollard Co., Inc., Buffalo, N. Y. Wheat Flour Middlings...	East Winsted: Leonard Grain Co.....	9.55	15.38	14.00	4.98	6.00	3.95	4.00
1082	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat A Middlings.....	New Milford: Geo. T. Soule Co....	10.63	17.88	16.00	3.23	6.00	4.70	4.00
799	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat Standard B Middlings...	Thomaston: Thomaston Supply Co.....	11.20	17.50	15.00	7.33	9.50	5.35	4.00
800	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident Standard Middlings...	Bristol: Bristol Supply Co.....	10.43	18.88	15.00	7.65	9.50	6.23	4.00
9232	St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings	Branford: S. V. Osborn Est.....	10.25	15.94	15.00	5.18	6.00	4.53	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
WHEAT PRODUCTS—Continued <i>Wheat middlings and similar products—Concluded</i>										
878	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Pure Wheat Flour Middlings.....	Meriden: Meriden Grain & Coal Co.....	10.65	16.63	16.00	3.83	4.00	4.15	6.00	
675	Syracuse Milling Co., Syracuse, N. Y. Syragold Flour Middlings	East Norwalk: Ferris-Devine Co.	10.50	17.38	15.00	5.80	6.00	4.93	4.00	
776	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Waverly Flour Middlings.....	Hawleyville: W. A. Honan.....	10.45	17.50	15.00	6.28	6.00	5.13	4.00	
172	United Mills Co., Grafton, Ohio. U. M. C. Wheat Middlings.....	Willimantic: Willimantic Grain Co.....	10.68	17.75	16.50	5.63	7.50	5.15	5.00	
868	Yantic Grain & Products Co., Norwich, Conn. Big Y Flour Middlings.....	Middlefield: Middlefield Center Grain Co.....	10.83	17.44	16.50	5.15	6.00	4.23	4.50	
<i>Wheat red dog</i>										
513	Commander-Larrabee Corp., Min- neapolis, Minn. Sunfed Red Dog Pure Wheat Product.....	Seymour: Seymour Grain & Coal Co.....	11.38	19.06	16.00	3.10	4.00	4.68	4.00	

552	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.....	Kensington: A. S. Labieniec.....	11.30	17.00	16.00	1.93	4.00	4.08	3.50
653	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.....	Plantstville: C. A. Cowles.....	10.20	17.00	15.00	1.58	4.00	3.95	4.25
501	International Milling Co., Minneapolis, Minn. Black Hawk.....	Ansonia: I. Sovitsky.....	11.00	18.25	16.00	2.80	4.00	5.03	3.50
967	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. Red Dog.....	Windsor: Lewis Bros.....	10.25	16.00	16.00	4.13	4.00	4.33	4.00
540	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Daisy.....	Wallingford: Laden Bros. Co., Inc.....	11.60	18.00	16.00	1.45	4.00	3.98	4.00
<i>Wheat feed (mixed feed)</i>									
988	E. W. Bailey & Co., Montpelier, Vt. Capital.....	Lebanon: Berkman Grain Co.....	10.48	16.56	14.00	5.28	7.00	4.25	3.00
960	Delaware Mills, Inc., Deposit, N. Y. Delaware Heavy Mixed..	Manchester: Manchester Grain Co.....	10.73	16.00	15.00	5.08	8.50	3.58	4.00
1261	Excelsior Milling Co., Minneapolis, Minn. Pure Camel Fancy Wheat.....	Woodbury: C. L. Adams.....	9.85	15.63	16.00	6.50	8.50	4.40	5.00
947	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy.....	Manchester: Little & McKinney..	11.08	16.69	15.00	5.40	7.50	4.28	3.50
33	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine"	Suffield: Spencer Bros.....	11.73	17.88	15.00	7.28	9.50	4.88	4.50
744	E. Manchester & Sons, Winsted, Conn. Red Star.....	Winsted: E. Manchester & Sons..	10.48	17.06	16.00	6.08	7.50	4.73	4.00
1252	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand Heavy..	Windsor: Lewis Bros.....	10.85	16.25	15.00	5.98	8.00	4.88	4.00
565	Meech & Stoddard, Inc., Middletown, Conn. Red Wing.....	Middletown: Meech & Stoddard, Inc.....	10.95	16.75	15.00	5.40	10.00	4.80	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	WHEAT PRODUCTS—Concluded <i>Wheat feed (mixed feed)—Concluded</i>		%	%	%	%	%	%	%	%
780	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Fresh Ground.....	Norfolk: Aug. Curtis.....	10.83	14.63	14.00	7.55	10.00	4.20	5.00	
9116	Northwestern Consolidated Milling Co., Minneapolis, Minn. XXX Comet.....	Milford: Milford Grain Co.....	9.98	19.69	16.00	1.78	4.00	4.60	4.00	
708	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Fancy	Danbury: C. S. Barnum & Son...	10.95	17.94	15.00	5.45	8.50	5.00	4.00	
719	The Quaker Oats Co., Chicago, Ill. Buckeye.....	Bethel: Morrison & Dunham.....	11.05	16.50	15.50	6.88	10.00	4.60	4.50	
216	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident.....	New Milford: Geo. T. Soule Co...	9.90	19.63	15.00	7.30	9.50	5.68	4.50	
9233	St. Albans' Grain Co., St. Albans, Vt. Wirthmore.....	Branford: S. V. Osborn Est.....	10.70	18.38	15.00	5.87	8.00	4.63	4.50	
888	D. A. Stickell & Sons, Inc., Hagerstown, Md.....	Bethlehem: A. T. Miner.....	10.05	15.75	15.00	7.13	9.00	4.38	4.50	

874	Yantic Grain & Products Co., Norwich, Conn. Big Y.....	Tariffville: Tariffville Grain Co...	10.73	16.00	16.00	5.63	8.00	4.08	4.50
MAIZE PRODUCTS									
<i>Corn gluten feed</i>									
740	Clinton Corn Syrup Refining Co., Clinton, Iowa. Clinton Corn Gluten Feed.....	Canaan: Ives & Pierce.....	9.70	29.44	23.00	5.98	8.50	2.53	2.00
852	Corn Products Sales Co., New York City. Buffalo Corn Gluten Feed.....	Noroton Heights: Davis Grain Co.....	10.70	27.75	23.00	7.18	8.50	2.28	2.00
551	Corn Products Sales Co., New York City. Diamond Corn Gluten Meal.....	Kensington: A. S. Labieniec.....	8.38	41.13	40.00	2.08	4.00	1.88	1.00
187	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa. Douglas Corn Gluten Feed.....	Long Hill: Long Hill Feed Store..	11.30	25.56	23.00	7.00	8.50	1.45	2.00
186	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa. Douglas Corn Gluten Meal.....	Long Hill: Long Hill Feed Store..	8.78	42.69	40.00	3.70	4.00	1.68	1.00
9241	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed..	Guilford: Fred C. Morse & Son...	9.68	27.94	23.00	5.73	8.00	1.73	1.00
645	Union Starch & Refining Co., Col- umbus, Ind. Union Corn Gluten Feed.....	West Cheshire: Cheshire Grain & Coal Co.....	10.58	25.00	23.00	6.73	8.00	2.13	1.00
<i>Hominy feed</i>									
741	Decatur Milling Co., Inc., Deca- tur, Ill. Homco Brand.....	Canaan: Ives & Pierce.....	9.60	11.56	10.00	5.25	6.00	9.73	7.00
9188	Evans Milling Co., Indianapolis, Ind. Emco.....	Seymour: Seymour Grain & Coal Co.....	9.13	10.25	10.00	6.50	6.00	6.75	6.00
546	Kellogg Co., Battle Creek, Mich. White.....	Meriden: Raymond Ives.....	9.00	11.50	10.00	4.03	5.00	7.50	6.00
102	Chas. A. Krause Milling Co., Mil- waukee, Wis. Badger White.....	Middlefield: Terrill & Burnham..	10.53	12.06	10.00	4.23	5.00	6.65	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	MAIZE PRODUCTS—Concluded									
	<i>Hominy feed—Concluded</i>									
517	Miner-Hillard Milling Co., Wilkes-Barre, Pa. Steam Cooked.....	Branford: S. V. Osborn Est.....	9.33	11.00	10.00	4.85	5.00	5.88	5.00	
778	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's.....	Norfolk: Aug. Curtis.....	10.63	10.38	10.00	5.20	6.00	7.95	5.00	
9078	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco.....	Plainville: F. B. Newton.....	10.05	12.00	10.00	5.13	6.00	8.75	7.00	
9197	Patent Cereal Co., Geneva, N. Y. Postum Co., Inc., Battle Creek, Mich. Burt's.....	East Hartford: Stowe & Rondeau	9.40	11.13	10.00	5.05	5.00	5.65	5.00	
538	The Quaker Oats Co., Chicago, Ill. White.....	East Wallingford: G. W. Ives....	10.40	11.31	10.00	4.38	5.00	8.15	6.00	
949	The Quaker Oats Co., Chicago, Ill. Yellow.....	Manchester: Little & McKinney..	8.45	11.63	9.50	4.30	5.00	7.50	4.00	
681	The Quaker Oats Co., Chicago, Ill. St. Albans Grain Co., St. Albans, Vt. Paragon.....	Norwalk: Libner Grain Co.....	10.70	10.25	9.50	3.03	5.00	5.63	4.00	
74		Kensington: A. S. Labieniec.....	9.35	12.13	10.00	4.60	7.00	7.48	6.00	
377	MISCELLANEOUS CORN PRODUCTS Anheuser-Busch, Inc., St. Louis, Mo. Anheuser-Busch Brand Corn Oil Cake Meal.....	Manufacturer's sample.....	7.95	22.56	18.00	8.88	11.00	7.05	8.00	

96	Ralston Purina Co., St. Louis, Mo. Corn Feed Meal.....	Manchester: Manchester Grain Co.....	11.55	9.38	8.50	1.98	5.00	4.15	3.00
1023	Jacob Trinley & Sons, Linfield, Pa. Corn Feed Meal.....	Bridgeport: Conn. Feed Co.....	10.33	10.00	8.00	3.00	4.00	6.55	3.00
589	RYE PRODUCTS Miner-Hillard Milling Co., Wilkes-Barre, Pa. Rye Middlings.....	Cromwell: Walter Fawthrop.....	11.00	16.25	12.00	3.73	5.00	4.03	2.50
499	Upper Hudson Rye Flour Mills, Inc., Troy, N. Y. Upper Hudson Rye Feed.....	Ansonia: I. Sovitsky.....	10.33	17.13	15.50	4.30	6.00	3.53	3.00
590	Van Vechten Milling Co., Inc., Rochester, N. Y. Irving Mills Rye Feed.....	Cromwell: Walter Fawthrop.....	11.58	15.75	13.00	2.98	10.00	3.18	2.00
577	BREWERS' AND DISTILLERS' GRAINS The Dewey Bros. Co., Blanchester, Ohio. Corn Distillers Dried Grains.....	Guilford: Fred. C. Morse & Son...	7.00	25.31	23.00	7.33	13.00	8.13	7.00
9215	Farmers Feed Co., Buffalo, N. Y. "Bull Brand" Dried Brewers Grains.....	Thompsonville: Geo. S. Phelps & Co.....	7.43	28.31	22.00	12.53	17.00	7.05	6.00
654	C. J. Martenis Grain Co., New York City. Alco Dried Brewers' Grains.....	Plantsville: C. A. Cowles.....	9.15	21.63	21.00	14.30	20.00	6.00	6.00
500	DRIED BEET PULP Larrowe Milling Co., Detroit, Mich.....	Ansonia: I. Sovitsky.....	9.73	9.88	8.00	19.45	22.00	0.68	0.40
770	Larrowe Milling Co., Detroit, Mich. Dried Molasses.....	Branford: S. V. Osborn Est.....	11.20	10.75	8.00	15.98	20.00	0.70	0.50
9089	Milmine, Bodman & Co., Inc., New York City.....	Plantsville: C. A. Cowles.....	8.65	9.38	7.00	21.50	20.00	0.33	0.25
9118	Ralston Purina Co., St. Louis, Mo.	Stratford: Farmers Flour & Grain Co.....	9.85	9.38	8.00	18.50	20.00	0.70	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Pound	%	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	% Guaranteed, not less than
	PROPRIETARY MIXED FEEDS <i>Horse feed</i>									
818	Allied Mills, Inc., Chicago, Ill.									
	June Pasture.....	Bristol: A. J. Bower.....	8.20	12.00	10.00	18.20	21.00	0.80	0.50	
9098	Allied Mills, Inc., Chicago, Ill.									
	Pure Corn and Oats Provender..	Bristol: A. J. Bower.....	12.48	9.38	9.00	4.60	10.00	3.65	3.50	
220	Allied Mills, Inc., Chicago, Ill.									
	Wayne Supreme.....	Kent: M. L. Lynch.....	11.68	10.13	9.50	5.13	8.00	3.13	3.50	
549	Arcady Farms Milling Co., Chicago, Ill. Wonder Horse and Mule.....									
	E. W. Bailey & Co., Montpelier, Vt. Pennant.....	Meriden: Raymond Ives..... Mansfield Depot: Martin M. Hansen.....	11.95	10.00	9.00	6.08	10.00	3.65	3.00	
497	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga.....		11.85	12.31	10.75	5.25	6.50	3.33	3.50	
985	C. W. Campbell Co., Westerly, R. I. Camco.....	Shelton: Shelton Feed Co..... Westerly, R. I.: C. W. Campbell Co.....	12.58	11.25	8.00	5.90	10.00	3.73	2.00	
984	C. W. Campbell Co., Westerly, R. I. Xtra Vim Molasses.....	Westerly, R. I.: C. W. Campbell Co.....	11.83	11.50	10.00	6.20	10.00	3.60	3.00	
			11.30	11.13	10.00	9.68	12.00	3.23	2.00	

284	The A. B. Cagle Co., Toledo, Ohio. Alfalfa Meal.....	New Canaan: Clapboard Hill Co.	10.70	14.13	13.00	26.98	33.00	1.78	1.00
508	G. E. Conkey Co., Cleveland, Ohio. Conkey's All Grain Horse & Mule Feed.....	Ansonia: A. Hodos & Son..... Bethel: Consumers Food Stores, Inc.....	11.63 9.60	11.75 11.63	9.50 9.00	5.83 8.20	9.50 10.00	4.13 3.10	3.00 2.50
1304	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond..	Clinton: Clinton Grain Co.....	13.38	10.50	9.00	6.73	10.00	3.10	3.00
530	R. G. Davis & Sons, Inc., New Haven, Conn. Davis.....	New Haven: R. G. Davis & Sons, Inc.....	11.30	9.69	10.00	10.28	8.00	3.55	3.50
487	R. G. Davis & Sons, Inc., New Haven, Conn. Davis No. 1 Provender.....	Manchester: Manchester Grain Co.....	11.53	10.25	9.00	6.98	10.00	3.05	3.00
977	Delaware Mills, Inc., Deposit, N. Y. Delaware 85%.....	Manchester: Manchester Grain Co.....	10.30	11.13	9.00	7.75	8.00	5.30	4.00
976	Delaware Mills, Inc., Deposit, N. Y. Ground Corn and Oats...	Bloomfield: Bloomfield Farmers' Exchange.....	7.40	15.31	13.00	24.75	33.00	1.50	1.00
892	Denver Alfalfa Milling & Products Co., Lamar, Colo. Alfalfa Meal	West Cheshire: Cheshire Grain & Coal Co.....	8.10	21.13	20.00	14.85	18.00	2.45	2.50
9062	Denver Alfalfa Milling & Prod- ucts Co., Lamar, Colo. Alfalfa Leaf Meal.....	Amston: Amston Grain Mill.....	11.90	10.75	10.00	5.98	11.00	3.55	3.00
995	Dietrich & Gambrell, Inc., Freder- ick, Md. Pen Mar.....	Woodstock: H. F. Joy.....	9.75	13.25	12.00	9.43	11.50	3.88	3.50
1000	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Highland 12.....	Norwich: A. E. Shedd.....	11.00	13.06	10.50	6.10	7.00	4.30	3.50
153	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Horse & Calf Ration..	Norfolk: W. A. Spaulding.....	11.10	11.25	9.00	5.93	7.00	4.15	4.00
781	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Pure Ground Corn and Oats ½ and ½.....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS —Continued									
	<i>Horse feed—Continued</i>									
898	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Horse Feed with Molasses.....	Hazardville: Amos D. Bridge's Sons.....	10.70	11.38	9.00	5.85	11.00	3.23	2.50	
845	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Garden Spot.....	So. Norwalk: Roodner Feed Co....	8.30	9.38	7.00	11.45	10.00	3.03	2.00	
9131	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Liberty...	Southport: C. Buckingham & Co.	6.20	8.81	7.00	11.60	10.00	2.25	2.00	
478	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose 85.....	New Haven: The Moran & Pat- ton Co.....	12.00	11.13	9.00	6.13	10.00	3.65	3.00	
245	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman's Red Rose Pure Ground Corn and Oats.....	Thomaston: Thomaston Supply Co.....	8.88	11.63	10.00	6.13	9.00	4.08	4.00	
872	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Steam- Cooked.....	Suffield: Spencer Bros.....	8.53	10.88	9.00	3.93	6.00	4.75	4.00	

1166	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Fernan- do Alfalfa Stem Meal.....	Plantsville: C. A. Cowles.....	7.63	11.75	10.00	40.30	39.00	1.75	1.50
211	Flory Milling Co., Inc., Bangor, Pa. Flory's.....	Danbury: F. C. Benjamin.....	12.10	11.88	9.00	5.73	10.00	3.33	2.50
1015	Flory Milling Co., Inc., Bangor, Pa. Flory's Steam-Cooked.....	East Hartford: Stowe & Rondeau	8.60	10.75	9.50	4.90	4.00	4.33	4.00
1016	Flory Milling Co., Inc., Bangor, Pa. Record.....	East Hartford: Stowe & Rondeau	7.58	9.00	7.00	10.35	11.00	2.80	2.00
1054	J. A. Forrest, Minneapolis, Minn. Alpine Ground Feeding Oatmeal	Danielson: Dayville Grain Co....	9.38	15.94	14.00	4.63	3.90	3.85	5.00
735	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened.....	Sharon: F. A. Wike & Co.....	10.53	11.75	9.50	5.60	11.00	3.50	3.50
9090 ¹	Hales & Hunter Co., Chicago, Ill. College.....	Plainville: W. S. Eaton.....	12.63	11.63	9.00	7.60	10.00	3.23	2.50
964	The Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam- Cooked.....	Middletown: Meech & Stoddard, Inc.....	9.45	10.25	9.50	4.83	4.00	4.45	4.60
864	Maritime Milling Co., Inc., Buf- falo, N. Y. B. B. Pure Corn and Oats Half and Half.....	Collinsville: Rourke-Robotham & Co.....	9.95	11.50	10.00	9.03	7.00	5.08	3.00
539	Maritime Milling Co., Inc., Buf- falo, N. Y. Bull Brand B. B. with Alfalfa and Molasses.....	Wallingford: Laden Bros. Co., Inc.....	11.65	10.38	8.00	5.50	10.00	3.48	2.00
38	Meech & Stoddard, Inc., Middle- town, Conn. Red Wing Molasses	Middlefield: Middlefield Grain and Coal Co.....	13.23	11.25	9.00	5.68	10.00	3.13	3.00
173	Miner-Hillard Milling Co., Wilkes- Barre, Pa. "1795" Steam- Cooked Corn and Oats.....	Westerly: C. W. Campbell & Co..	9.58	10.88	9.50	4.45	5.00	4.10	4.00
523	Fred C. Morse & Son, Guilford, Conn. Old Mill.....	Guilford: Fred C. Morse & Son...	12.05	11.75	12.00	5.13	8.00	3.50	4.00
9244	Fred C. Morse & Son, Guilford, Conn. Old Mill Provender	Guilford: Fred C. Morse & Son...	12.10	10.81	10.00	5.08	6.00	4.03	3.25

¹ Wire tags illegal.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%
	<i>Horse feed—Continued</i>									
962	Ontario Milling Co., Inc., Oswego, N. Y. Onto with Molasses.....	Middletown: P. Levson & Son....	12.75	11.25	10.00	5.75	12.00	3.38	3.20	
9234	S. V. Osborn Est., Branford, Conn.	Branford: S. V. Osborn Est.....	11.15	11.13	10.00	5.90	8.00	4.10	4.00	
747	Osborn Provender.....	East Winsted: Leonard Grain Co.	12.35	10.50	8.00	10.93	12.00	2.43	2.00	
9180	The Park & Pollard Co., Inc., Buf- falo, N. Y. Chelsea.....									
	The Park & Pollard Co., Inc., Buf- falo, N. Y. Corn and Oats, One Half and One Half.....	Shelton: Shelton Feed Co.....	11.40	11.38	10.00	7.68	8.00	4.13	3.00	
528	The Park & Pollard Co., Inc., Buf- falo, N. Y. P. & P.....	East River: Deforest & Hotchkiss Co.....	11.08	12.88	10.00	7.30	9.00	3.68	3.50	
472	Pecos Valley Alfalfa Mills Co., Hagerman, New Mexico. Alfalfa Meal.....	Shelton: Wolf Savitsky.....	10.90	13.63	13.00	28.38	33.00	1.98	1.50	
9125	Pecos Valley Alfalfa Mills Hagerman, New Mexico. Peevee Alfalfa Leaf Meal.....	Stratford: Z. C. Ingersoll.....	9.00	19.63	20.00	15.28	18.00	2.45	2.50	

804	Pratt Food Co., Buffalo, N. Y.	Bristol: Bristol Grain & Supply Co.....	11.10	9.19	6.50	7.05	12.00	3.75	1.50
9070	Pratt's Utility.....	Plantsville: C. A. Cowles.....	5.85	13.88	13.00	17.05	18.00	4.83	4.50
534	The Quaker Oats Co., Chicago, Ill.	East Wallingford: G. W. Ives.....	12.00	12.63	10.00	10.40	12.00	2.10	2.50
9091	Banner.....	Plainville: W. S. Eaton.....	8.95	11.50	10.50	5.43	9.00	3.78	3.50
593	The Quaker Green Cross.....	Ansonia: I. Sovitsky.....	7.85	6.00	5.00	24.30	27.50	2.35	1.25
665	The Quaker Oats Co., Chicago, Ill.	Plainville: W. S. Eaton.....	7.53	5.88	5.00	28.70	30.00	1.68	2.00
480	The Quaker Thorobred.....	New Haven: The Moran & Pat- ton Co.....	12.38	13.88	9.00	12.15	15.00	2.88	1.30
689	Sugared Vim.....	Ridgefield: Ridgefield Lumber Co.....	10.75	11.50	10.00	7.43	11.00	3.78	3.20
191	The Quaker Oats Co., Chicago, Ill.	Stamford: Clapboard Hill Feed Co.....	8.75	17.00	15.00	1.15	2.00	5.78	5.00
714	Ralston Purina Co., St. Louis, Mo.	Danbury: H. E. Meeker.....	12.20	11.50	10.00	7.00	9.00	4.28	3.20
858	Purina Bulky Las Chow (Buf- falo Mills).....	New Canaan: Clapboard Hill Feed Co.....	10.20	11.00	6.00	17.78	30.00	2.55	1.00
514	Purina Omolene Chow.....	Seymour: Seymour Grain & Coal Co.....	11.63	11.25	10.00	6.53	7.00	4.68	3.50
543	Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich.....	12.00	10.88	9.80	6.80	9.00	3.93	3.25
39	Purina Sweet Roughage Feed (Buffalo Mills).....	Middlefield: Terrill & Burnham..	11.48	10.25	9.00	4.00	12.00	2.72	2.50
854	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Molasses..	Stamford: Clapboard Hill Feed Co.....	10.95	11.13	10.00	6.53	9.50	4.83	4.00
	St. Albans Grain Co., St. Albans, Vt. Wirthmore.....								
	D. A. Stickell & Sons, Inc., Hagers- town, Md. Su-Pur 85%.....								
	Syracuse Milling Co., Syracuse, N. Y. Syragold Ground Corn and Oat.....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			%	%	%	%	%	%
	PROPRIETARY MIXED FEEDS— <i>Continued</i>							
	<i>Horse feed—Continued</i>							
677	Syracuse Milling Co., Syracuse, N. Y. Syragold with Molasses...	East Norwalk: Ferris-Devine Co.	11.55	10.38	8.98	12.00	2.85	2.50
700	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby Ground Corn and Oats.....	Hawleyville: W. A. Honan.....	10.55	10.38	7.30	8.00	4.40	4.00
703	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Neverfail....	Hawleyville: W. A. Honan.....	11.60	11.38	5.85	10.00	3.68	3.50
1020	Jacob Trinley & Sons, Linfield, Pa. Favorite.....	Bridgeport: Conn. Feed Co.....	7.83	8.50	9.13	12.10	2.75	2.50
1021	Jacob Trinley & Sons, Linfield, Pa. Melo.....	Bridgeport: Conn. Feed Co.....	7.33	5.50	11.78	12.10	2.58	1.20
1019	Jacob Trinley & Sons, Linfield, Pa. Supreme 85%.....	Bridgeport: Conn. Feed Co.....	8.55	9.88	6.40	11.00	3.53	3.00
738	Wayne County Grangers "Uni- versal", Clyde, N. Y.....	Canaan: Ives & Pierce.....	12.23	11.38	5.55	9.00	3.28	3.00

593	F. S. Wertz & Son, Reading, Pa. Farnel.....	11.95	11.00	9.00	5.85	9.00	3.95	3.00
875	Yantic Grain & Products Co., Norwich, Conn. Al-Mo.....	11.03	11.75	11.00	16.90	15.00	3.05	1.50
957	Yantic Grain & Products Co., Norwich, Conn. Big (Y).....	10.90	10.69	10.00	6.38	7.00	3.55	3.00
<i>Dairy feeds</i>								
196	Allied Mills, Inc., Chicago, Ill. Amco 20%.....	10.20	20.88	20.00	6.00	9.00	3.55	3.50
706	Allied Mills, Inc., Chicago, Ill. Amco 24%.....	9.55	24.00	24.00	7.55	9.00	4.43	3.50
729	Allied Mills, Inc., Chicago, Ill. Amco 20% National.....	9.68	20.75	20.00	6.73	9.00	3.95	3.50
221	Allied Mills, Inc., Chicago, Ill. Amco 16½ Sucrene.....	10.98	16.75	16.50	8.13	12.00	3.58	3.50
557	Arcady Farms Milling Co., Chi- cago, Ill. Advanced Registry....	9.35	25.13	25.00	8.23	10.00	4.03	4.00
548	Arcady Farms Milling Co., Chi- cago, Ill. Milkers Ready Ration..	10.65	22.13	22.00	8.23	12.00	4.33	4.00
558	Arcady Farms Milling Co., Chi- cago, Ill. Producer's 20% Ready Ration.....	9.85	21.50	20.00	9.20	10.00	3.43	3.50
989	E. W. Bailey & Co., Montpelier, Vt. Capital.....	9.20	25.13	24.00	5.93	9.00	4.03	5.00
107	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite.....	9.93	21.88	20.00	6.38	7.50	4.23	4.50
144	E. W. Bailey & Co., Montpelier, Vt. Our 20% Special.....	10.28	20.50	20.00	8.05	9.00	3.70	3.50
146	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital.....	9.40	24.75	24.00	6.73	9.00	4.60	5.00
495	Beacon Milling Co., Cayuga, N. Y. Auburn.....	11.48	22.38	20.00	6.58	10.00	3.23	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%
	<i>Dairy feeds—Continued</i>									
710	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon '20'	Danbury: C. S. Barnum & Son...	9.73	21.00	20.00	7.48	9.00	5.20	4.50	
707	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Dairy Ration.....	Danbury: C. S. Barnum & Son...	9.38	25.00	24.00	7.85	9.00	4.85	4.50	
9138	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '20'	Bridgeport: H. C. Ferris	11.05	21.75	20.00	6.33	9.00	4.55	4.50	
682	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '24'	Bridgeport: H. C. Ferris	10.05	25.50	24.00	6.45	9.00	4.38	4.00	
529	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell 20% Dairy Ration	East River: Deforest & Hotchkiss Co.	10.75	21.50	20.00	7.25	11.00	3.45	4.00	
526	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell 24% Dairy Ration	East River: Deforest & Hotchkiss Co.	10.30	24.19	24.00	7.05	11.00	3.15	4.00	
887	Black Rock Milling Corp., Buf- falo, N. Y. Paramount 20% Dairy Ration	Woodbury: C. L. Adams	10.18	20.00	20.00	9.33	10.00	3.80	4.00	

842	Amos D. Bridge's Sons, Inc., Hazardville, Conn. Success....	Hazardville: Amos D. Bridge's Sons, Inc.....	10.43	22.63	20.00	8.28	9.50	4.55	5.20
971	L. Broder Grain Store, Colchester, Conn. L. B. Milk Ration.....	Colchester: L. Broder Grain Store.....	10.05	22.25	20.00	6.65	8.50	6.13	5.00
1029	C. Buckingham & Co., Southbury, Conn. C. B.....	Southport: C. Buckingham & Co.....	9.03	24.50	22.80	8.75	9.40	4.65	4.50
983	C. W. Campbell Co., Westerly, R. I. Milky Ration.....	Westerly: C. W. Campbell Co....	9.73	21.38	20.00	8.30	8.00	4.30	4.50
980	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Mystic: C. W. Campbell Co.....	9.53	20.88	20.00	6.43	8.00	4.68	5.00
1239	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Westerly: C. W. Campbell Co....	9.00	20.38	20.00	6.75	8.00	4.60	5.00
1240	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Groton: C. W. Campbell Co.....	9.35	20.75	20.00	6.93	8.00	4.85	5.00
563	Coles Co., Middletown, Conn. Capital 20% Molasses.....	Middletown: Coles Co.....	10.45	20.75	20.00	11.93	11.00	3.70	4.00
564	Coles Co., Middletown, Conn. Selco 24% Molasses.....	Middletown: Coles Co.....	10.53	23.50	24.00	10.78	10.00	3.88	4.50
506	G. E. Conkey Co., Cleveland, Ohio. Conkey's Greco 20%.....	Ansonia: A. Hodos & Son.....	9.53	24.13	20.00	7.28	9.00	4.20	4.00
1306	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 16%.....	Sandy Hook: Consumers Food Stores, Inc.....	8.78	18.25	16.00	9.73	12.00	4.45	3.50
1305	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 20%.....	Sandy Hook: Consumers Food Stores, Inc.....	8.65	25.13	20.00	9.33	11.00	4.43	5.00
1076	E. A. Cowee & Co., Fitchburg, Mass. Coweco 20%.....	Quinebaug: M. T. Dort.....	9.80	21.63	20.00	7.00	10.00	4.18	4.00
650	C. A. Cowles, Plantsville, Conn. C. A. Cowles' 20%.....	Plantsville: C. A. Cowles.....	9.85	23.00	20.00	8.40	10.00	5.00	5.00
651	C. A. Cowles, Plantsville, Conn. C. A. Cowles' 24%.....	Plantville: C. A. Cowles.....	9.75	24.00	24.00	7.68	10.00	4.80	6.00
56	P. Cutler, Inc., Colchester, Conn. Prosperity.....	Colchester: P. Cutler, Inc.....	8.63	26.00	24.00	7.03	9.00	4.65	4.00
55	P. Cutler, Inc., Colchester, Conn. Prosperity Economy.....	Colchester: P. Cutler, Inc.....	8.40	25.81	24.00	9.40	12.00	4.18	4.00

994	Dietrich & Gambrell, Inc., Frederick, Md. Pen Mar.....	Amston: Amston Grain Mill.....	9.15	21.50	20.00	6.93	9.00	4.93	4.00
724	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fulpal.....	New Milford: Paul Caldwell.....	9.88	21.63	20.00	6.78	8.00	4.65	4.50
215	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 20.....	New Milford: Paul Caldwell.....	9.38	21.88	20.00	9.70	12.00	4.93	4.00
986	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milkmore Dairy Ration.....	Norwich: A. E. Shedd.....	9.90	24.38	24.00	6.25	8.00	4.78	4.50
214	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Sixteen.....	New Milford: Paul Caldwell.....	10.50	17.88	16.00	6.40	8.00	4.75	4.00
594	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore's Economilk 24 % Dairy Feed.....	Hartford: H. L. Solloway..... Hazardville: Amos D. Bridge's Sons.....	9.93	24.00	24.00	8.83	10.00	4.50	4.00
897	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Sweet Digesto....	Hazardville: Amos D. Bridge's Sons.....	10.35	17.38	16.00	11.45	12.00	4.13	4.00
896	Elmore Milling Co., Inc., Oneonta, N. Y. Otsego Economy Ration	Naugatuck: Naugatuck Fruit & Produce Co.....	10.20	23.00	20.00	8.68	11.00	4.38	4.00
9191	Elmore Milling Co., Inc., Oneonta, N. Y. R Own Dairy Ration.....	Brookfield: S. A. Smith.....	10.13	22.06	20.00	7.08	9.00	4.33	4.00
721	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 20 % Dairy Ration.....	Brookfield: S. A. Smith.....	9.65	22.50	20.00	6.85	8.00	4.55	4.00
722	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge Dairy Feed.....	Brookfield: S. A. Smith.....	9.95	24.63	24.00	7.80	11.00	4.90	4.00
678	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20.....	So. Norwalk: Roodner Feed Co....	10.23	21.88	20.00	8.13	11.00	4.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FOODS— <i>Continued</i>									
	<i>Dairy Feeds—Continued</i>									
723	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Golden Rod 25	Brookfield: S. A. Smith	%	%	%	%	%	%	%	
679	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20		8.83	27.38	25.00	8.18	11.00	4.50	5.00	
475	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20	So. Norwalk: Roodner Feed Co...	10.30	22.00	20.00	7.45	11.00	3.95	4.00	
562	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24	New Haven: The Moran & Pat- ton Co.	10.58	22.00	20.00	7.95	9.00	4.03	4.00	
492	Flory Milling Co., Inc., Bangor, Pa. Flory's	New Britain: Wm. Cohen, Inc. ...	10.38	23.88	24.00	7.70	11.00	3.83	4.00	
210	Flory Milling Co., Inc., Bangor, Pa. Record	Manufacturer's sample	10.28	25.13	24.00	9.35	11.00	4.30	5.00	
		Danbury: F. C. Benjamin	10.40	23.38	20.00	7.40	9.00	3.93	5.00	

1288	A. W. Forbes, East Haven, Conn. R-Own.....	9.88	20.31	20.00	10.30	12.00	4.10	3.00
1001	J. B. Garland & Son, Worcester, Mass. Royal Worcester Complete Ration.....	10.18	20.50	20.00	8.33	10.00	3.43	3.00
674	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Dairy Ration.....	9.25	21.63	20.00	8.13	8.50	5.05	5.00
736	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Milk Maker.....	9.40	21.25	20.00	7.53	12.00	5.10	5.00
581	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened 20%.....	10.38	21.38	20.00	6.65	10.00	4.50	4.00
580	D. H. Grandin Milling Co., Jamestown, N. Y. M-S (Money-Saver) 20% Sweet.....	10.20	19.75	20.00	9.65	12.00	3.98	4.00
662	Hales & Hunter Co., Chicago, Ill. Red Horn 20%.....	9.85	22.00	20.00	7.63	9.00	4.65	4.00
542	Laden Bros. Co., Inc., Wallingford, Conn. Laden's.....	10.55	18.06	20.00	7.83	9.00	4.28	4.50
668	Larowe Milling Co., Detroit, Mich. Larro—The Ready Ration for Dairy Cows.....	9.50	21.56	20.00	9.50	12.00	4.03	4.00
9172	Libner Grain Co., Inc., Norwalk, Conn. 20% Libner's Blue Ribbon Dairy Ration.....	10.15	23.00	20.00	6.35	9.00	3.95	4.50
9170	Libner Grain Co., Inc., Norwalk, Conn. 24% Libner's Blue Ribbon Dairy Ration.....	9.70	26.31	24.00	5.55	9.00	4.05	5.00
559	The C. W. Lines Co., New Britain, Conn. Mill Pride Dairy Ration.....	9.83	23.69	24.00	7.70	10.00	4.78	5.00
1285	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Dairy Ration.....	9.40	21.13	20.00	8.25	9.00	4.65	4.50
	Torrington: Litchfield County Co-op. Assoc.....							

968	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Bull Brand "24" Dairy Ration.....	10.05	25.69	24.00	8.08	11.00	4.18	4.50
1251	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Bull Brand "24" Dairy Ration.....	10.50	25.13	24.00	8.13	11.00	4.10	4.50
863	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Dollar Maker.....	10.83	24.38	24.00	10.30	12.00	3.88	3.50
1025	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Dairy Ration.....	8.03	22.00	20.00	10.05	12.00	5.13	5.50
545	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special..	8.85	22.63	24.00	8.95	12.00	5.50	5.50
671	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 24% Dairy Ration.....	9.20	25.94	24.00	7.20	10.00	4.53	5.00
520	Fred C. Morse & Son, Guilford, Conn. Old Mill 20%.....	10.88	22.19	20.00	6.43	9.00	4.73	4.50
521	Fred C. Morse & Son, Guilford, Conn. Old Mill 24%.....	10.78	25.13	24.00	6.28	9.00	4.78	5.00
547	Ontario Milling Co., Inc., Oswego, N. Y. Big Value 20%, with Molasses.....	10.83	22.19	20.00	7.00	10.00	4.68	4.50
570	Ontario Milling Co., Inc., Oswego, N. Y. Butterfat, with Molasses.	9.73	25.00	24.00	7.05	10.00	5.08	5.00
569	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 20%, with Molasses.....	10.93	19.63	20.00	6.38	12.00	4.40	4.00
579	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 24%, with Molasses.....	10.68	22.94	24.00	6.48	12.00	5.20	4.00
568	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's 24% Cream Pot Ration.....	9.98	24.69	24.00	7.53	9.00	5.13	5.50
	Windsor: Lewis Bros.....							
	Windsor: Lewis Bros.....							
	Collinsville: Rourke-Robotham & Co., Inc.....							
	Middlefield: Middlefield Grain & Coal Co.....							
	Meriden: Meriden Grain & Coal Co.....							
	Stratford Z. C. Ingersoll.....							
	Guilford: Fred C. Morse & Son...							
	Guilford: Fred C. Morse & Son...							
	Meriden: Raymond Ives.....							
	Middletown: P. Levson & Son....							
	Middletown: P. Levson & Son....							
	Middletown: P. Levson & Son....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)	Fiber	Fat	
			%	Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Guaranteed, not less than
	PROPRIETARY MIXED FOODS— <i>Dairy feeds—Continued</i>							
592	The Park & Pollard Co., Inc., Buffalo, N. Y. Bet-R-Milk 20% Ration.....	Cromwell: Walter Fawthrop.....	10.75	22.50	20.00	7.23	9.00	4.03
646	The Park & Pollard Co., Inc., Buffalo, N. Y. Glaco Dairy Ration..	West Cheshire: Cheshire Grain & Coal Co.....	11.28	19.63	20.00	7.25	9.00	4.08
588	The Park & Pollard Co., Inc., Buffalo, N. Y. Fawthrop's Special 20% Dairy Ration.....	Cromwell: Walter Fawthrop.....	11.63	20.38	20.00	6.50	9.00	3.70
591	The Park & Pollard Co., Inc., Buffalo, N. Y. Herdthelth 16% Ration.....	Cromwell: Walter Fawthrop.....	11.98	18.00	16.00	5.80	9.00	3.78
972	The Park & Pollard Co., Inc., Buffalo, N. Y. Holcomb Sweetened 16% Ration.....	Newtown: R. H. Holcomb & Co..	10.83	18.56	16.00	7.67	9.00	4.05
601	The Park & Pollard Co., Inc., Buffalo, N. Y. Holcomb Sweetened 20% Dairy Ration.....	Newtown: R. H. Holcomb & Co..	10.38	20.63	20.00	7.43	9.00	4.05

647	The Park & Pollard Co., Inc., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration.....	West Cheshire: Cheshire Grain & Coal Co.....	10.45	24.75	24.00	8.45	11.00	4.08	4.50
667	The Park & Pollard Co., Inc., Buffalo, N. Y. Overall 24% Dairy Ration.....	Plainville: State Farmers' Co-op. Assoc.....	9.68	25.00	24.00	7.73	9.00	4.40	4.50
666	The Park & Pollard Co., Inc., Buffalo, N. Y. Top Notch 16% Ration.....	Plainville: State Farmers' Co-op. Assoc.....	9.53	16.13	16.00	11.20	12.00	3.25	3.50
801	Pratt Food Co., Buffalo, N. Y. Pratt's B. P.....	Bristol: Bristol Grain & Supply Co.....	10.03	21.63	21.00	7.53	10.00	4.48	4.00
860	Pratt Food Co., Buffalo, N. Y. Pratt's Sweet 16%.....	Bristol: Bristol Grain & Supply Co.....	9.70	16.88	16.00	9.15	12.00	4.05	4.00
850	H. C. Puffer Co., Springfield, Mass. Producer 20%.....	Simsbury: H. B. Bunnell & Co....	10.03	23.00	20.00	6.63	10.00	4.63	3.50
849	H. C. Puffer Co., Springfield, Mass. Producer 24%.....	Simsbury: H. B. Bunnell & Co....	9.63	26.38	24.00	6.88	8.50	4.60	4.00
1041	The Quaker Oats Co., Chicago, Ill. Quaker 16% Protein Dairy Ration.....	Plainville: W. S. Eaton.....	8.78	17.06	16.00	11.00	13.50	3.85	3.50
537	The Quaker Oats Co., Chicago, Ill. Quaker 20% Protein Dairy Ration.....	East Wallingford: G. W. Ives....	9.18	17.25	20.00	9.55	12.00	3.50	3.25
705	The Quaker Oats Co., Chicago, Ill. Quaker 24% Protein Dairy Ration.....	Danbury: C. S. Barnum & Son....	9.18	24.75	24.00	9.75	12.00	4.08	4.00
713	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow.....	Danbury: H. E. Meeker.....	10.20	22.50	20.00	10.30	12.00	3.88	3.00
479	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow.....	New Haven: The Moran & Patton Co.....	10.73	24.88	24.00	9.53	12.00	4.45	3.00
587	Ralston Purina Co., St. Louis, Mo. Protene 16%.....	Portland: Valley Mills.....	10.70	20.13	16.00	9.10	14.00	4.18	3.00
585	Ralston Purina Co., St. Louis, Mo. Protene 20%.....	Portland: Valley Mills.....	11.38	22.31	20.00	8.58	14.00	4.38	3.00

550	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration.....	11.00	21.50	24.00	6.55	9.00	4.13	4.00
953	St. Albans Grain Co., St. Albans, Vt. King 22 Milk Ration, Sweetened.....	9.68	21.88	22.00	7.53	9.00	4.33	4.50
685	St. Albans Grain Co., St. Albans, Vt. Paragon.....	9.15	20.75	22.00	9.58	12.00	4.40	4.00
482	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration.....	10.55	20.75	20.00	8.43	10.50	3.70	3.50
873	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration.....	9.63	23.13	25.00	7.15	9.00	5.08	5.00
686	St. Albans Grain Co., St. Albans, Vt. Wirthmore Balanced 25 Ration, Sweetened.....	10.00	24.88	25.00	6.98	8.50	4.40	4.75
9190	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweetened.....	12.50	15.56	16.00	5.45	8.00	4.23	4.00
871	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20.....	10.28	19.88	20.00	6.15	8.50	5.25	5.00
510	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20, Sweetened....	11.18	19.88	20.00	6.38	8.00	4.75	4.75
476	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Certified 20% Ration.....	10.38	21.00	20.00	7.33	8.00	4.48	4.00
879	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Certified 22% Ration.....	9.45	23.88	22.00	6.90	9.00	4.25	4.00
507	Syracuse Milling Co., Syracuse, N. Y. Onondaga, Sweetened....	10.00	21.88	20.00	9.95	12.00	4.23	4.00
958	Syracuse Milling Co., Syracuse, N. Y. Syragold.....	8.60	25.69	24.00	8.33	12.00	5.25	4.50
664	Syracuse Milling Co., Syracuse, N. Y. Syragold, Sweetened.....	9.90	25.75	24.00	7.73	12.00	4.70	4.50
	Kensington: A. S. Labieniec.....							
	Willimantic: Willimantic Grain Co.....							
	Stepney: Nusbaum Grain Store..							
	New Haven: R. G. Davis & Sons, Inc.....							
	Suffield: Spencer Bros.....							
	Stepney: Nusbaum Grain Store..							
	Naugatuck: Naugatuck Fruit & Produce Co.....							
	Suffield: Spencer Bros.....							
	Ansonia: Ansonia Flour & Grain Co.....							
	New Haven: The Moran & Paton Co.....							
	New Britain: Wm. Cohen, Inc....							
	Ansonia: A. Hodos & Son.....							
	Higganum: Higganum Feed Store							
	Plainville: W. S. Eaton.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Dairy Foods—Continued</i>								
963	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration....	Cobalt: Ed. Elkins.....	9.85	21.75	20.00	8.15	12.00	4.53	4.00
797	Thomaston Supply Co., Thomas- ton, Conn. Thomaston Dairy Ration.....	Thomaston: Thomaston Supply Co.....	9.88	22.63	20.00	7.83	9.00	4.90	5.00
702	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. E-Gee.....	Hawleyville: W. A. Honan.....	10.90	23.88	20.00	6.23	10.00	3.68	3.50
701	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Red Brand Tioga.....	Hawleyville: W. A. Honan.....	10.20	26.38	24.00	6.63	10.00	4.40	4.50
739	Wayne County Grangers Feed Corp., Clyde, N. Y. Clyde 20%	Canaan: Ives & Pierce.....	12.20	20.00	20.00	6.95	8.50	3.50	3.00
737	Wayne County Grangers Feed Corp., Clyde, N. Y. "Galen 24%".....	Canaan: Ives & Pierce.....	11.80	24.75	24.00	6.73	8.50	3.40	3.00

656	Wayne County Grangers Feed Corp., Clyde, N. Y. Superior 20%.....	Plantsville: C. A. Cowles.....	10.63	23.88	20.00	8.05	10.00	4.40	4.00
773	Wayne County Grangers Feed Corp., Clyde, N. Y. Sweetened 16%.....	Plantsville: C. A. Cowles.....	11.73	20.50	16.00	7.73	12.00	3.48	4.00
616	F. S. Wertz & Son, Reading, Pa. Special 24%.....	Hartford: N. Y. Feed Corp.	10.20	23.50	24.00	6.55	11.00	4.48	4.00
615	F. S. Wertz & Son, Reading, Pa. Wertz's 20%.....	Hartford: N. Y. Feed Corp.	9.73	16.69	20.00	11.78	11.00	3.68	4.00
777	West-Nesbit, Inc., Oneonta, N. Y. All Pure 20% Milk Ration.....	Winsted: Chas. R. Hawley.....	10.33	21.88	20.00	6.30	10.00	4.35	4.50
748	West-Nesbit, Inc., Oneonta, N. Y. Pure Feed.....	Winsted: Chas. R. Hawley.....	9.13	23.63	20.00	7.65	10.00	4.33	4.00
9196	Super Pure Sweetfeed Dairy Ration.....	East Hartford: Stowe & Rondeau	8.43	25.13	24.00	8.23	10.00	4.23	4.50
9182	Wolf's Feed Store, Shelton, Conn. Wolf's 20% Dairy Ration.....	Shelton: Wolf's Feed Store.....	10.03	21.88	20.00	7.28	9.00	4.50	4.50
1005	Yantic Grain & Products Co., Norwich, Conn. Abington.....	Abington: Abington Grain Co....	9.93	21.00	20.00	10.40	12.00	3.68	4.00
991	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 16%.....	Norwich: Yantic Grain & Products Co.....	10.35	18.75	16.00	6.75	9.00	4.50	4.00
826	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 20%.....	Naugatuck: Naugatuck Grain Co.....	10.18	23.06	20.00	6.68	9.00	5.03	5.00
825	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 24%.....	Naugatuck: Naugatuck Grain Co.....	10.03	24.25	24.00	6.58	9.00	4.65	5.00
51	Yantic Grain & Products Co., Norwich, Conn. Eureka Dairy Ration 20%.....	Middlefield: Middlefield Center Grain Co.....	10.28	23.00	20.00	7.23	9.00	4.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than	
			%	%	%	%	%	%	%	
PROPRIETARY MIXED FEEDS— Continued										
<i>Dairy Foods—Concluded</i>										
990	Yantic Grain & Products Co., Nor- wich, Conn. Eureka Dairy Ra- tion 24 %	Yantic: Yantic Grain & Products Co.	10.30	24.13	24.00	7.60	9.00	4.33	4.00	
822	Yantic Grain & Products Co., Nor- wich, Conn. O. F. D. Ration 20 %	Naugatuck: Naugatuck Grain Co.	10.75	22.00	20.00	7.28	9.00	4.33	4.00	
859	Yantic Grain & Products Co., Norwich, Conn. O. F. D. Ra- tion 24 %	Middlefield: Middlefield Center Grain Co.	10.88	24.38	24.00	7.40	9.00	4.00	4.00	
<i>Stock feeds</i>										
143	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Lebanon: Berkman Grain Co.	8.03	11.25	9.50	8.60	9.50	4.68	4.00	
145	E. W. Bailey & Co., Montpelier, Vt. Sweetened Bailey's Fitting Ration	Lebanon: Berkman Grain Co.	9.68	15.13	14.00	7.85	9.00	4.85	4.00	

996	E. W. Bailey & Co., Montpelier, Vt. Sweetened with Molasses Pennant Brand.....	Jewett City: Jewett City Grain Co.....	9.83	10.88	9.50	8.33	9.50	5.03	4.00
775	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga.....	Bridgeport: Herbert C. Ferris...	10.10	12.88	15.00	7.98	9.00	3.78	3.50
979	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration...	Groton: C. W. Campbell Co.....	9.80	15.38	14.00	6.60	8.00	4.88	4.00
881	Crosby Milling Co., Brattleboro, Vt. Crosby's.....	So. Norwalk: Roodner Feed Co...	8.58	9.00	9.00	13.25	12.00	4.18	4.00
52	P. Cutler, Inc., Colchester, Conn. Prosperity.....	Colchester: P. Cutler, Inc.....	8.75	12.50	9.00	7.73	12.00	5.33	4.00
509	R. G. Davis & Sons, Inc., New Haven, Conn. Davis.....	Ansonia: Ansonia Flour & Grain Co.....	7.85	10.50	10.00	11.80	14.00	6.25	2.00
607	Delaware Mills, Inc., Deposit, N. Y. Delaware White.....	Derby: Derby Feed Store.....	9.58	11.63	9.00	10.33	12.00	4.60	3.00
180	Deitrich & Gambrell, Inc., Frederick, Md. Frederick.....	Danielson: Young Bros. Co.....	9.40	9.00	7.50	10.10	12.00	3.45	3.00
959	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fitting Ration.....	Clinton: A. L. Lockwood.....	10.90	13.63	12.00	5.15	7.00	4.28	3.50
821	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Sugared Feed All.	Naugatuck: Naugatuck Grain Co.	8.73	12.25	10.00	17.28	12.00	2.75	3.00
829	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Fitting Ration.....	Simsbury: H. B. Bunnell & Co...	10.50	15.25	12.00	6.00	7.00	3.90	3.50
687	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose.	Georgetown: Connery Bros.....	8.95	10.50	9.00	10.30	11.00	4.73	3.00
798	John W. Eshelman & Sons, Lancaster, Pa. Eshelman S-O-S....	Thomaston: Thomaston Supply Co.....	10.78	13.75	11.00	14.93	15.00	2.45	2.00
945	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's.....	Manchester: O. E. Bailey.....	8.40	10.81	8.50	10.40	12.00	5.78	4.00
655	Hales & Hunter Co., Chicago, Ill. H. & H. Quality Steel Cut Wheat.....	Plantsville: C. A. Cowles.....	10.93	12.13	12.00	2.30	3.00	1.98	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	
663	<i>Stock feeds—Continued</i>									
9171	Hales & Hunter Co., Chicago, Ill. H. & H. White..... Libner Grain Co., Inc., Norwalk, Conn. 12% Libner's Blue Rib- bon Fitting Ration.....	Mt. Carmel: Mt. Carmel Grain Store.....	9.38	12.81	9.00	6.68	12.00	4.95	2.00	
566	Meech & Stoddard, Inc., Middle- town, Conn. Red Wing.....	Norwalk: Libner Grain Co., Inc.. Middletown: Meech & Stoddard, Inc.....	11.48	15.13	12.00	6.15	9.00	4.18	4.00	
774	Geo. Q. Moon & Co., Inc., Bing- hamton, N. Y. Moon's.....	Stratford: Z. C. Ingersoll.....	9.28	9.25	9.00	11.88	12.00	4.68	3.00	
9268	Fred C. Morse & Son, Guilford, Old Mill Fitting Feed.....	Guilford: Fred C. Morse & Son...	9.25	12.25	9.00	8.95	12.00	5.35	3.00	
890	Nowak Milling Corp., Hammond, Ind. Fidelity.....	Sharon: F. A. Wike & Co.....	11.58	15.63	12.00	6.48	8.00	4.90	4.00	
961	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's, with Mo- lasses.....	Middletown: P. Levson & Son....	8.88	9.00	8.00	10.13	12.00	4.08	3.00	
			9.55	13.38	10.00	9.23	12.00	4.00	3.00	

1052	The Park & Pollard Co., Inc., Buffalo, N. Y. Bison, Sweetened...	Groton: C. W. Campbell Co.....	9.95	10.69	10.00	11.65	12.00	2.80	3.00
746	The Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard Fitting Ration.....	East Winsted: Leonard Grain Co.	11.38	17.63	12.00	5.83	7.00	3.43	3.50
794	The Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard.....	Woodbury: C. L. Adams.....	9.60	10.06	8.50	11.88	12.00	5.58	4.00
605	Pecos Valley Alfalfa Milling Co., Hagerman, New Mexico, Velvet Meal.....	New Haven: R. G. Davis & Sons, Inc.....	10.13	20.19	17.00	17.30	23.00	1.70	1.50
669	The Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed.....	Stratford: Farmers Flour & Grain Co.....	8.00	10.25	10.00	10.90	12.00	4.23	3.00
519	The Quaker Oats Co., Chicago, Ill. Quaker Schumacher Sugared Feed.....	Branford: S. V. Osborn Est.....	8.88	10.88	10.00	11.35	12.00	4.68	3.00
856	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow.....	Stamford: Clapboard Hill Feed Co.....	12.38	15.38	13.50	10.08	12.00	3.70	2.60
9275	Seymour Grain & Coal Co., Seymour, Conn. Miracle Fitting Ration.....	Seymour: Seymour Grain & Coal Co.....	10.03	15.63	12.00	7.18	8.00	4.90	4.00
9222	I. Sovitsky, Ansonia, Conn. Ansonia.....	Ansonia: I. Sovitsky.....	8.38	12.44	8.00	7.70	15.00	5.83	2.00
483	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration or Stock Feed.....	New Haven: R. G. Davis & Sons, Inc.....	10.68	11.88	10.00	10.10	12.00	3.60	3.25
731	St. Albans Grain Co., St. Albans, Vt. Hygrade 14 Fitting Ration.....	Kent: H. H. Taylor & Son.....	10.08	18.00	14.00	6.98	8.50	4.70	4.00
35	St. Albans Grain Co., St. Albans, Vt. Utility 60 Pasture Ration.....	Suffield: Spencer Bros.....	10.08	14.06	14.00	10.63	13.00	3.38	3.00
9114	St. Albans Grain Co., St. Albans, Vt. Wirthmore 14 Fitting Ration.....	Milford: Milford Grain Co.....	13.23	15.75	14.00	5.08	7.00	3.90	4.00
9117	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fodder Grains..	Milford: Milford Grain Co.....	11.03	11.56	9.00	15.85	19.00	2.28	1.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat			
			Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Stock feeds—Concluded</i>									
684	St. Albans Grain Co., St. Albans, Vt. Wirthmore.....	Stepney: Nusbaum Grain Store..	9.18	9.75	9.00	7.90	9.50	5.60	4.00	
58	Syracuse Milling Co., Syracuse, N. Y. Syragold Feed Meal.....	Colchester: P. Cutler, Inc.	11.80	10.69	9.00	3.38	8.00	5.80	3.00	
676	Syracuse Milling Co., Syracuse, N. Y. Syragold.....	East Norwalk: Ferris-Devine Co.	10.15	11.50	9.00	8.88	12.00	4.80	3.00	
217	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Or-Co.....	New Milford: Geo. T. Soule Co...	10.40	21.50	18.00	10.65	12.00	4.33	3.00	
862	Yantic Grain & Products Co., Nor- wich, Conn. Economy Pasture Ration.....	Naugatuck: Naugatuck Grain Co.....	9.38	16.00	14.00	12.08	13.00	3.50	3.50	
823	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Fitting Ra- tion.....	Naugatuck: Naugatuck Grain Co.....	9.68	17.38	12.00	5.23	7.00	4.00	4.00	
824	Yantic Grain & Products Co., Nor- wich, Conn. Big Y.....	Naugatuck: Naugatuck Grain Co.....	9.70	10.38	9.00	9.73	12.00	4.63	4.00	
867	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Sugared....	Middlefield: Middlefield Center Grain Co.	10.93	9.19	9.00	10.00	12.00	3.23	4.00	

	<i>Calf feeds and other products</i>								
9096	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed.....	Bristol: A. J. Bower.....	12.18	14.63	14.00	4.83	7.00	4.50	3.00
730	Allied Mills, Inc., Chicago, Ill. Wayne Calf Meal.....	Kent: M. L. Lynch.....	9.03	24.63	24.00	5.53	7.00	4.45	4.00
728	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Calf Meal.....	New Milford: W. L. Richmond & Son.....	8.90	26.38	25.00	3.00	6.00	3.80	3.00
9133	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Hog Feed.....	Bridgeport: H. C. Ferris.....	9.95	19.25	18.00	5.88	7.00	5.00	5.00
866	Blatchford Calf Meal Co., Wauke- gan, Ill. Blatchford's Calf Meal.	Noroton Heights: Davis Grain Co.	9.70	25.00	24.00	5.05	6.75	4.78	5.00
901	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal.....	Hazardville: Amos D. Bridge's Sons.....	8.75	26.00	24.00	4.08	4.00	3.93	4.00
830	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose Calf Starter.....	Simsbury: H. B. Bunnell & Co....	10.15	25.13	18.00	3.50	5.00	4.55	3.00
718	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose Hog Meal.....	Bethel: Morrison & Dunham....	9.73	20.13	16.00	6.93	10.00	5.83	5.00
617	Hales & Hunter Co., Chicago, Ill. Red Horn Calf Meal.....	Mt. Carmel: Mt. Carmel Grain Store.....	9.23	18.00	18.00	5.18	5.00	3.70	4.00
516	Larrowe Milling Co., Detroit, Mich. Larro Calf Meal.....	Branford: S. V. Osborn Est.....	8.98	24.88	23.00	2.83	3.50	4.15	4.00
9228	Larrowe Milling Co., Detroit, Mich. Larro Pork Maker.....	Branford: S. V. Osborn Est.....	7.53	25.75	25.00	8.75	10.00	6.38	5.00
965	Maritime Milling Co., Inc., Buf- falo, N. Y. Bull Brand Calf Meal.....	Glastonbury: S. Melzen.....	9.50	24.50	22.00	2.83	5.00	4.55	4.00
199	Park & Pollard Co., Inc., Buffalo, N. Y. Milkade Calf Meal.....	Danbury: C. S. Barnum & Son...	8.00	24.19	20.00	5.53	6.50	7.80	7.00
816	Pratt Food Co., Buffalo, N. Y. Pratt's Calf Meal with Butter- milk.....	Bristol: Bristol Grain & Supply Co.....	9.08	26.25	24.50	3.03	4.00	4.50	4.00

	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Hog & Pig Ration.....	Middlefield: Middlefield Center Grain Co.....	10.55	17.25	17.00	4.85	7.00	4.63	4.00
	<i>Poultry feeds</i>								
9093	Allied Mills, Inc., Chicago, Ill. Red Feather Egg Mash.....	Bristol: A. J. Bower.....	10.03	20.25	18.00	5.60	8.00	4.95	3.50
1006	Allied Mills, Inc., Chicago, Ill. Red Feather Scratch Feed.....	Suffold: R. J. C. Wetherell.....	11.53	10.38	9.00	1.73	4.00	2.55	2.50
197	Allied Mills, Inc., Chicago, Ill. Screened Cracked Corn.....	Danbury: C. S. Barnum & Son...	11.75	9.38	8.50	1.10	2.50	3.00	2.50
9097	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter...	Bristol: A. J. Bower.....	10.50	16.63	17.00	4.93	6.00	5.95	4.00
732	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower.....	Falls Village, H. E. Dean.....	9.98	16.38	16.00	4.73	6.00	5.73	4.00
219	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower with Cod Liver Oil.....	Kent: M. L. Lynch.....	10.08	17.13	16.00	4.65	6.00	5.55	4.00
155	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash.....	Norwich: A. E. Shedd.....	9.50	18.31	18.00	4.45	7.00	4.95	3.50
9095	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil.....	Bristol: A. J. Bower.....	10.60	18.13	18.00	5.13	7.00	5.08	3.50
195	Allied Mills, Inc., Chicago, Ill. Wayne Intermediate Scratch Feed.....	Danbury: C. S. Barnum & Son...	11.40	11.13	10.00	2.05	4.00	2.70	2.50
1043	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener.....	Bristol: A. J. Bower.....	10.35	15.25	13.50	5.78	6.00	4.58	4.00
9094	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed.....	Bristol: A. J. Bower.....	12.60	10.25	10.00	2.18	4.00	2.45	2.50
709	Allied Mills, Inc., Chicago, Ill. Wayne Special Scratch Feed...	Danbury: C. S. Barnum & Son...	11.95	12.13	9.00	1.98	4.00	2.60	2.50
1007	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash.....	Suffold: R. J. C. Wetherell.....	9.60	15.50	15.00	6.30	8.00	4.90	3.50

77	Arcady Farms Milling Co., Chicago, Ill. Wonder Starting Mash	New Britain: S. P. Stropole.....	9.35	14.88	13.00	5.18	5.00	4.38	4.00
112	E. W. Bailey & Co., Montpelier, Pennant Brand Chick Starter....	Mansfield Depot: Martin M. Hansen.....	9.48	17.50	17.00	3.70	5.00	4.70	5.00
109	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Growing Feed.....	Mansfield Depot: Martin M. Hansen.....	9.60	17.25	15.00	4.00	5.00	4.65	5.00
110	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash.....	Mansfield Depot: Martin M. Hansen.....	9.45	21.19	20.00	4.45	6.00	4.65	5.00
106	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed.....	West Willington: H. M. Hansen..	11.05	10.31	10.00	2.43	6.50	2.48	3.00
496	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Breeders Mash with Buttermilk.....	Shelton: Shelton Feed Co.....	9.48	20.25	19.00	6.70	7.00	4.50	4.00
9139	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Broiler Feed.....	Bridgeport: H. C. Ferris.....	10.70	18.06	15.00	4.20	6.00	4.20	4.00
9178	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed.....	Shelton: Shelton Feed Co.....	12.13	10.56	10.00	2.20	5.00	3.18	2.50
9136	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash.....	Bridgeport: H. C. Ferris.....	10.63	17.88	16.00	5.18	7.00	4.65	4.00
9137	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Laying Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.53	21.81	20.00	5.50	7.00	4.93	4.00
9179	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed.....	Shelton: Shelton Feed Co.....	13.23	10.13	9.00	2.60	5.00	2.35	2.50
9134	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Chick Feed.....	Bridgeport: H. C. Ferris.....	13.15	10.69	10.00	1.28	3.50	3.80	2.50
9135	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Complete Starting Ration.....	Bridgeport: H. C. Ferris.....	10.13	18.63	16.50	3.58	6.00	4.10	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>		%	%	%	%	%	%	%	
9198	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Duck Breeders Mash.....	Bridgeport: H. C. Ferris.....	9.96	18.88	17.00	4.25	7.00	4.58	4.50	
9132	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk.....		9.20	22.06	21.00	5.23	7.00	4.55	4.50	
9276	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Growing Mash...	Southbury: H. R. Stone.....	9.75	19.00	17.00	5.40	7.00	5.93	4.00	
198	N. Y. Beacon Scratch Grains...	Danbury: C. S. Barnum & Son... New Milford: W. L. Richmond & Son.....	11.33	10.19	9.00	2.28	5.00	2.68	2.00	
218	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Coccidi- diosis Mash.....		8.93	20.50	17.00	2.73	5.00	2.75	1.00	
200	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Scratch Grains.....	Danbury: S. C. Barnum & Son...	11.95	10.63	9.00	1.73	3.50	2.28	2.00	

235	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Turkey Growing Feed.....	New Milford: W. L. Richmond & Son.....	8.80	19.75	17.00	5.00	7.00	4.55	4.00
9079	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell's Dry Mash.	Plainville: F. B. Newton.....	10.50	21.13	18.00	4.73	8.00	4.31	3.00
527	Black Rock Milling Corp., Buf- falo, N. Y., Bidwell's Scratch Feed.....	East River: Deforest & Hotch- kiss Co.....	12.10	10.06	10.00	2.43	5.00	3.43	1.50
9109	Bristol Grain & Supply Co., Bris- tol, Conn. Bristol Laying Mash	Bristol: Bristol Grain & Supply Co.....	10.05	24.50	18.00	5.55	10.00	4.43	4.00
1081	C. Buckingham & Co., Southport, Conn. C. B. Egg Mash.....	Southport: C. Buckingham & Co.	10.13	21.00	19.00	5.40	8.00	4.65	4.00
1080	C. Buckingham & Co., Southport, Conn. C. B. Growing Mash.....	Southport: C. Buckingham & Co.	10.63	16.56	15.00	4.25	6.00	4.80	4.00
1030	C. Buckingham & Co., Southport, Conn. C. B. Scratch Feed.....	Southport: C. Buckingham & Co.	12.05	10.25	10.00	2.20	3.80	2.55	2.50
140	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Feed.....	Westerly: C. W. Campbell Co....	10.50	11.38	10.00	1.03	5.00	2.80	2.00
135	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Starter.....	Groton: C. W. Campbell Co.....	9.38	17.63	15.00	4.65	5.00	6.03	4.00
132	C. W. Campbell Co., Westerly, R. I. Egg-O Growing.....	Groton: C. W. Campbell Co.....	9.30	21.50	18.00	4.95	8.00	4.80	5.00
133	C. W. Campbell Co., Westerly, R. I. Egg-O Intermediate.....	Groton: C. W. Campbell Co.....	10.15	12.13	10.00	1.65	4.00	3.53	2.00
134	C. W. Campbell Co., Westerly, R. I. Egg-O Mash.....	Groton: C. W. Campbell Co.....	8.78	20.00	18.00	7.20	8.00	4.60	4.00
136	C. W. Campbell Co., Westerly, R. I. Egg-O Scratch.....	Westerly: C. W. Campbell Co....	11.45	11.25	10.00	2.50	5.00	2.45	2.00
1053	C. W. Campbell Co., Westerly, R. I. Egg-O Turkey Grower....	Westerly: C. W. Campbell Co....	9.08	23.00	20.00	6.18	8.00	5.83	5.00
1270	Clyde-Renco Milling Co., Clyde, N. Y. Renco Scratch Feed.....	Canaan: Ives & Pierce.....	12.45	10.50	10.00	2.75	6.00	2.38	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than	Pound
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>									
60	The Coles Co., Middletown, Conn. Fortune Chick Starter.....	Middletown: The Coles Co.....	9.28	19.25	14.00	4.98	5.00	5.43	5.00	5.00
9192	The Coles Co., Middletown, Conn. Fortune Egg Mash with Dried Buttermilk.....	Hartford: New York Feed & Grain Co.....	9.80	21.25	17.00	4.90	9.00	5.43	3.50	3.50
61	The Coles Co., Middletown, Conn. Fortune Growing Feed.....	Middletown: The Coles Co.....	9.83	18.88	10.00	5.05	8.00	6.35	1.50	1.50
59	The Coles Co., Middletown, Conn. Fortune Intermediate Scratch..	Middletown: The Coles Co.....	12.23	11.13	10.00	2.18	3.00	2.33	5.00	5.00
9193	The Coles Co., Middletown, Conn. Fortune Scratch Feed.....	Hartford: New York Feed & Grain Co.....	13.30	10.75	10.00	2.40	5.00	2.68	2.50	2.50
9226	G. E. Conkey Co., Cleveland, Ohio, Conkey's All Mash Chick Ration with Y-O etc.....	Ansonia: A. Hodos & Son.....	9.65	16.13	16.00	4.10	6.50	5.70	5.50	5.50
9225	G. E. Conkey Co., Cleveland, Ohio, Conkey's Gecco Chick Grains.....	Ansonia: A. Hodos & Son.....	11.85	10.88	10.00	1.20	2.50	2.25	2.50	2.50

9223	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O etc.	Ansonia: A. Hodos & Son.	9.40	20.38	20.00	3.93	7.00	5.78	5.00
504	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O etc.	Ansonia: A. Hodos & Son.	9.70	21.50	20.00	4.33	7.00	6.23	5.00
505	G. E. Conkey & Co., Cleveland, Ohio. Conkey's Gecco Growing Mash.	Ansonia: A. Hodos & Son.	9.83	18.75	18.00	4.73	7.00	5.00	5.50
489	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with Buttermilk and Y-O.	New Haven: Frank S. Platt Co.	11.38	19.25	18.00	4.60	7.00	4.98	6.00
1051	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains.	Ansonia: A. Hodos & Son.	10.95	9.75	9.00	2.25	3.50	2.55	2.00
1050	G. E. Conkey Co., Cleveland, Ohio. Conkey's Geccofat Station Fattener.	Ansonia: A. Hodos & Son.	8.98	15.06	12.50	4.85	5.00	7.30	4.50
9224	G. E. Conkey Co., Cleveland, Ohio. Conkey's Growing Grains.	Ansonia: A. Hodos & Son.	10.65	12.50	10.50	1.58	2.50	3.95	2.50
1049	G. E. Conkey Co., Cleveland, Ohio. Conkey Red Seal Laying Mash with Y-O etc.	Ansonia: A. Hodos & Son.	9.78	18.69	18.00	4.90	6.00	6.93	4.00
488	G. E. Conkey Co., Cleveland, Ohio. Conkey's (The Original) Starting Feed with Buttermilk & Y-O.	New Haven: Frank S. Platt Co.	10.68	15.88	16.00	3.43	5.50	6.10	5.50
1302	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Egg Mash.	Bethel: Consumers Food Stores, Inc.	8.70	21.50	20.00	6.40	7.00	4.70	4.00
1303	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Growing Mash.	Bethel: Consumers Food Stores, Inc.	8.65	19.63	17.00	6.13	6.00	4.67	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			Water					
			%	%	%	%	%	%
			11.58	10.13	2.35	5.00	2.14	2.50
1301	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i> Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Intermediate Chick Feed.....	Bethel: Consumers Food Stores, Inc.....	9.20	18.25	3.90	6.00	6.90	4.50
1078	E. A. Cowee & Co., Worcester, Mass. Coweco Growing Mash...	Quinnebaug: M. T. Dort.....	8.35	22.00	4.25	7.50	5.55	4.00
1077	E. A. Cowee & Co., Worcester, Mass. Coweco Laying Mash....	Quinnebaug: M. T. Dort.....	11.78	11.56	2.45	3.00	2.58	3.00
1079	E. A. Cowee & Co., Worcester, Mass. Coweco Scratch Feed....	Quinnebaug: M. T. Dort.....	9.58	18.75	6.63	6.00	4.83	4.00
772	C. A. Cowles, Plantsville, Conn. C. A. Blue Seal Mash.....	Plantsville: C. A. Cowles.....	11.78	12.88	1.95	5.00	3.00	1.50
820	C. A. Cowles, Plantsville, Conn. Scratch Feed.....	Stafford Springs: Valley Grain Co.....	12.45	11.13	2.40	5.00	3.00	3.00
171	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed.....	Colchester: P. Cutler, Inc.....	10.15	16.69	5.83	8.00	5.23	4.00
53	P. Cutler, Inc., Colchester, Conn. Prosperity Laying Mash.....							

54	P. Cutler, Inc., Colchester, Conn. Prosperity Scratch Feed.....	12.38	10.06	10.00	2.83	6.00	2.60	2.00
9059	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Butter- milk Mash.....	9.75	20.25	18.00	4.73	7.00	5.45	5.00
9115	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Scratch Feed.....	13.43	10.31	10.00	1.93	5.00	2.88	2.00
9140	Delaware Mills, Inc., Deposit, N. Y. Brooklawn Special Scratch Feed.....	13.98	9.94	9.00	2.15	4.00	2.45	2.50
9213	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Grains...	13.13	10.81	10.00	1.45	3.00	2.28	3.00
9063	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Starting Mash (with Dried Buttermilk)...	10.68	17.38	16.00	4.40	5.00	5.39	4.00
9064	Delaware Mills, Inc., Deposit, N. Y. Delaware Growing Mash (with Dried Skim Milk).....	12.20	16.94	17.00	4.40	6.00	4.60	5.00
9167	Delaware Mills, Inc., Deposit, N. Y. Delaware Intermediate Chick Grains.....	12.85	11.25	10.00	2.73	5.00	2.75	2.00
9065	Delaware Mills, Inc., Deposit, N. Y. Double Circle Scratch Grains.....	14.10	10.06	10.00	2.30	5.00	2.48	2.50
494	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash (with Dried Skim Milk).....	10.35	18.38	18.00	5.85	7.00	5.20	5.00
178	Dietrich & Gambrell, Inc., Fred- erick, Md. Frederick Growing Mash.....	9.85	18.75	16.00	6.18	8.00	5.30	4.00
130	Dietrich & Gambrell, Inc., Fred- erick, Md. Gambrell's Chick Starter.....	9.15	19.06	16.00	3.33	4.50	5.30	4.00
	Colchester: P. Cutler, Inc.....							
	Cheshire: Center Grain Co.....							
	Milford: Milford Grain Co.....							
	Bridgeport: Brooklawn Feed Co., Thompsonville: Geo. S. Phelps & Co.....							
	Southington: Southington Lum- ber & Feed Co.....							
	Southington: Southington Lum- ber & Feed Co.....							
	Bridgeport: Brooklawn Feed Co..							
	Southington: Southington Lum- ber & Feed Co.....							
	Derby: Derby Feed Store.....							
	Danielson: Young Bros. Co.....							
	New London: New London Grain Co.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Poultry feeds—Continued</i>								
179	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Laying Mash.....	Danielson: Young Bros. Co.....	%	%	%	%	%	%	%
999	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Scratch Feed.....	Danielson: Young Bros. Co.....	9.38	21.25	20.00	5.33	7.00	5.00	5.00
148	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash.....	Danielson: Young Bros. Co.....	11.03	11.25	10.00	2.20	4.00	3.05	2.50
154	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash with Cod Liver Oil.....	Norwich: A. E. Shedd.....	9.58	20.50	18.50	5.10	6.50	4.43	4.00
233	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Egg Mash.....	Norwich: A. E. Shedd.....	8.70	19.81	18.50	5.60	6.50	5.28	4.00
		Norwich: A. E. Shedd.....	9.25	18.25	17.00	5.15	6.50	4.75	4.00

379	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Intermediate Scratch Grains.	New Milford: Paul Caldwell.	13.68	10.56	9.50	1.53	3.00	2.13	2.00
232	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer, Mash.	Norwich: A. E. Shedd.	9.35	18.25	17.00	4.65	6.50	4.45	4.00
149	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash with Cod Liver Oil.	Norwich: A. E. Shedd.	9.20	18.25	17.00	4.63	6.50	5.20	4.00
532	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn.	Clinton: A. L. Lockwood.	11.70	12.13	10.00	2.63	4.00	3.05	2.50
213	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Starting and Broiler Ration with Cod Liver Oil.	New Milford: Paul Caldwell.	9.50	19.94	18.50	4.08	5.00	5.53	4.00
987	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Fat.	Norwich: A. E. Shedd.	9.40	16.88	16.00	4.45	6.00	4.43	3.50
783	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Grow.	Norfolk: W. A. Spaulding.	9.60	21.88	20.00	3.93	5.00	6.00	4.00
782	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Start.	Norfolk: W. A. Spaulding.	9.00	26.25	24.00	3.80	5.00	6.60	4.50
894	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Egg Maker.	Hazardville: Amos D. Bridge's Sons.	9.73	18.44	17.00	5.33	8.00	6.53	4.50
9216	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Egg Mash.	Hazardville: Amos D. Bridge's Sons.	10.53	20.19	18.00	4.85	8.00	6.05	4.00
899	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Growing Mash.	Hazardville: Amos D. Bridge's Sons.	9.70	18.75	17.00	5.85	8.00	5.88	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>		%	%	%	%	%	%	%	%
993	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Intermediate Chick Feed.....	Amston: Amston Grain Mill..... Hazardville: Amos D. Bridge's Sons.....	11.25	11.69	10.00	1.53	3.00	2.95	3.00	
895	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains.....	Hazardville: Amos D. Bridge's Sons.....	9.35	26.44	25.00	8.95	11.00	5.03	5.00	
9217	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Scratch Feed.....		13.48	11.75	10.00	2.60	7.00	2.38	3.50	
122	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Penny Chick Grains.....	Manchester: Manchester Grain Co.....	11.15	12.00	9.00	1.23	3.00	2.53	3.00	
715	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Lancaster Scratch Grains.....	Bethel: Morrison & Dunham....	11.45	9.50	10.00	2.40	4.00	3.58	2.50	
602	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Penny Laying Mash.....	New Haven: The Moran & Pat- ton Co.....	10.63	20.38	18.00	6.13	8.00	5.95	5.00	

717	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennys Scratch Grains.....	Bethel: Morrison & Dunham.....	11.70	10.63	9.00	1.85	4.00	2.75	2.50
865	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose All Mash Starter.....	Simsbury: H. B. Bunnell & Co....	8.90	18.75	16.00	4.43	6.50	4.68	4.00
9335	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Grains.....	Thomaston: Thomaston Supply Co.....	11.05	11.00	10.00	1.38	3.00	2.95	3.00
65	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Red Rose Chick Starter.....	Wallingford: A. E. Hall.....	8.30	18.13	15.00	3.83	6.00	4.90	4.00
831	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash.....	Simsbury: H. B. Bunnell & Co....	10.40	16.25	14.00	3.53	5.00	5.03	4.00
848	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash.....	Bethel: Morrison & Dunham.....	10.08	19.13	16.00	5.53	7.00	5.55	4.00
85	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash with Cod Liver Oil.....	New Britain: Wm. Cohen.....	9.65	18.75	16.00	5.32	7.00	5.60	4.00
209	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash.....	Danbury: F. C. Benjamin.....	10.28	22.06	20.00	5.40	7.00	6.20	5.00
477	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Scratch Grains.....	New Haven: The Moran & Pat-ton Co.....	13.23	10.00	10.00	2.30	4.00	2.40	2.50
992	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Fernando Alfalfa Meal Fine Ground...	Rockville: Rockville Grain & Coal Co.....	7.18	16.56	16.00	25.75	26.00	1.95	2.00
1042	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Ideal Greens Sun Cured.....	Plainville: W. S. Eaton.....	8.30	20.25	20.00	17.95	18.00	2.73	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat			
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
			Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
966	First National Stores, Inc., Somerville, Mass. Henfield Egg Mash	Burnside: First National Stores, Inc.	8.98	24.25	20.00	6.00	7.00	5.18	5.00	
827	First National Stores, Inc., Somerville, Mass. Henfield Scratch Grains	Plainville: First National Stores, Inc.	12.55	10.81	10.00	2.05	5.00	2.85	3.50	
9119	Flory Milling Co. Inc., Bangor, Pa. Flory's All Mash Starting & Growing Ration	Stratford: Farmers Flour & Grain Co.	10.28	17.25	17.50	4.60	5.00	5.32	4.00	
493	Flory Milling Co. Inc., Bangor, Pa. Flory's Baby Chick Feed	Manufacturer's sample	11.78	9.88	9.00	1.35	5.00	3.43	2.50	
208	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Laying Mash	Danbury: F. C. Benjamin	9.93	21.06	20.00	6.80	7.00	4.90	4.00	
201	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Scratch Feed	Danbury: F. C. Benjamin	12.18	10.56	9.00	1.90	5.00	2.23	2.50	
1286	A. W. Forbes, East Haven, Conn. R-Own Laying Mash	East Haven: A. W. Forbes	9.75	18.13	18.00	5.50	7.00	6.15	4.00	

1287	A. W. Forbes, East Haven, Conn. R-Own Scratch Feed.....	13.63	10.56	10.00	1.88	5.00	2.08	3.00
1004	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash	8.88	20.31	14.00	3.55	8.00	6.45	4.00
1003	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash.	8.88	22.00	20.00	5.05	8.00	6.18	4.00
1002	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed.....	11.18	11.00	10.00	3.30	4.00	2.75	2.00
584	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Baby Chick Starter with Buttermilk- Cod Liver Oil.....	10.00	15.75	14.00	3.73	5.00	5.43	4.00
583	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Broiler Mash with Buttermilk—Cod Liver Oil.....	10.08	17.88	15.00	3.58	6.00	5.15	4.00
91	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Com- plete Starting Ration with But- termilk-Cod Liver-Oil.....	9.55	16.75	16.00	4.50	6.00	5.05	4.00
87	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Growing Mash with Buttermilk.....	9.08	17.63	15.00	5.48	8.00	5.28	4.00
582	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Growing Mash with Buttermilk and Cod Liver Oil.....	9.53	16.38	15.00	5.50	8.00	5.00	4.00
88	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Inter- mediate Chick Feed.....	11.00	10.88	10.00	1.50	5.00	2.83	2.50
89	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Laying Mash with Buttermilk.....	9.05	21.88	20.00	4.83	8.00	4.50	4.00

9166	Hales & Hunter Co., Chicago, Ill. Morning Glory Egg Mash with Dried Buttermilk.....	Plainville: W. S. Eaton.....	9.53	19.88	20.00	6.30	8.00	4.88	4.50
9069	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk.....	Plantville: C. A. Cowles.....	9.90	18.75	15.00	4.58	5.00	4.78	4.00
9242	Hales & Hunter Co., Chicago, Ill. Red Comb Coarse Chick.....	Guilford: Fred C. Morse & Son...	12.00	10.50	10.00	1.93	5.00	2.35	2.50
1084	Hales & Hunter Co., Chicago, Ill. Red Comb Crate Fattener with Rolled Oats.....	Stratford: Farmers Flour & Grain Co.....	9.58	14.88	13.00	4.53	6.00	4.43	4.00
9083	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk.....	Plainville: W. S. Eaton.....	9.63	19.50	18.00	5.43	7.00	5.03	4.00
9238	Hales & Hunter Co., Chicago, Ill. Red Comb Fine Chick.....	Guilford: Fred C. Morse & Son...	12.43	10.75	10.00	1.15	5.00	2.15	2.50
9239	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk.....	Guilford: Fred C. Morse & Son...	9.35	19.06	15.00	6.70	6.00	5.23	4.00
147	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed.....	Lebanon: Berkman Grain Co....	11.83	10.00	10.00	2.15	5.00	2.65	2.50
75	A. S. Labieniec, Kensington, Conn. Reliable Laying Mash.....	Kensington: A. S. Labieniec.....	9.83	21.31	19.00	5.15	8.00	4.43	4.00
541	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Baby Chick Starter.....	Wallingford: Laden Bros. Co., Inc.....	11.03	18.75	17.50	4.53	5.00	6.13	5.00
67	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash..	Wallingford: Laden Bros. Co., Inc.....	11.83	15.75	17.00	3.68	5.00	5.15	5.50
66	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Laying Mash....	Wallingford: Laden Bros. Co., Inc.....	10.54	19.25	18.00	4.55	5.00	5.90	5.00
9322	Larroe Milling Co., Detroit, Mich. Larro Broiler Feed.....	Branford: S. V. Osborn Est.....	9.95	17.50	15.00	5.03	7.00	4.90	4.50
9323	Larroe Milling Co., Detroit, Mich. Larro Chick Grains.....	Branford: S. V. Osborn Est.....	11.20	10.94	10.00	1.50	3.50	2.48	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	
	<i>Poultry feeds—Continued</i>									
9142	Larowe Milling Co., Detroit, Mich. Larro Chick Starter. . . .	Bridgeport: Brooklawn Feed Co..	9.30	17.56	16.50	4.80	5.00	5.38	4.50	
9177	Larowe Milling Co., Detroit, Mich. Larro Egg Mash.	So. Norwalk: Roodner Feed Co...	8.73	21.13	19.00	6.98	7.50	5.43	5.00	
9175	Larowe Milling Co., Detroit, Mich. Larro Growing Grains...	So. Norwalk: Roodner Feed Co...	12.00	10.81	10.00	1.85	3.50	2.63	2.00	
9141	Larowe Milling Co., Detroit, Mich. Larro Growing Mash...	Bridgeport: Brooklawn Feed Co..	9.58	18.13	16.00	5.23	6.50	5.53	4.50	
9321	Larowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed.	Branford: S. V. Osborn Est.	9.33	17.19	14.00	5.70	7.50	5.53	4.00	
525	Larowe Milling Co., Detroit, Mich. Larro Scratch Grains. . . .	Branford: S. V. Osborn Est.	12.40	11.00	10.00	2.05	3.50	2.63	2.00	
9168	Libner Grain Co., Inc., Norwalk, Conn., Libner's Blue Ribbon Broiler Ration.	Norwalk: Libner Grain Co., Inc..	10.18	19.00	18.00	4.25	6.00	5.65	4.00	

9143	Libner Grain Co., Inc., Norwalk, Conn., Libner's Blue Ribbon Chick Starter.....	Norwalk: Libner Grain Co., Inc..	9.80	19.88	18.00	4.23	6.00	6.03	4.00
9144	Libner Grain Co., Inc., Norwalk, Conn., Libner's Blue Ribbon Growing Mash.....	Norwalk: Libner Grain Co., Inc..	9.95	19.00	18.00	4.88	6.00	4.70	4.00
9169	Libner Grain Co., Inc., Norwalk, Conn., Libner's Blue Ribbon Milk Egg Mash.....	Norwalk: Libner Grain Co., Inc..	10.23	18.44	17.00	4.75	6.50	4.59	3.00
79	C. W. Lines Co., New Britain, Conn. Homestead Dry Mash...	New Britain: C. W. Lines Co. . . .	9.50	21.25	18.00	6.05	7.00	4.85	4.00
83	C. W. Lines Co., New Britain, Conn. Homestead Scratch Feed	New Britain: C. W. Lines Co. . . .	12.73	11.25	9.00	2.20	5.00	2.80	2.50
80	C. W. Lines Co., New Britain, Conn. Mill Pride Milk Mash...	New Britain: C. W. Lines Co. . . .	9.23	19.88	18.00	4.73	7.50	4.18	4.50
82	C. W. Lines Co., New Britain, Conn. Mill Pride Fancy Scratch Feed.....	New Britain: C. W. Lines Co. . . .	12.85	11.00	9.00	2.08	4.00	2.33	2.00
1283	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Growing Mash.....	Torrington: Litchfield County Co-op. Assoc.....	9.90	20.88	15.00	5.93	7.00	4.50	4.00
1284	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Laying Mash.....	Torrington: Litchfield County Co-op. Assoc.....	10.33	20.00	15.00	6.28	7.00	4.55	4.00
184	Long Hill Feed Store, Long Hill, Conn. Square Deal Buttermilk Laying Mash.....	Long Hill: Long Hill Feed Store..	8.95	21.88	20.00	7.00	7.00	5.88	5.00
237	E. Manchester & Sons, Winsted, Conn. Huntington Red Star Egg Mash.....	Winsted: E. Manchester & Sons..	8.68	18.13	13.00	6.10	6.00	6.70	4.00
185	E. Manchester & Sons, Winsted, Conn. Red Star Egg Mash.....	Winsted: E. Manchester & Sons..	9.45	20.56	18.00	6.93	8.00	5.33	4.00
238	E. Manchester & Sons, Winsted, Conn. Red Star Growing Mash.	Winsted: E. Manchester & Sons..	8.95	17.88	15.00	5.88	7.00	6.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
239	E. Manchester & Sons, Winsted, Conn. Red Star Scratch Feed...	Winsted: E. Manchester & Sons..	11.18	10.88	9.00	2.83	6.00	2.58	2.00	%
223	E. Manchester & Sons, Winsted, Conn. Red Star Starting Mash.	Winsted: E. Manchester & Sons..	8.43	18.88	15.00	5.83	7.00	6.10	4.00	%
998	Maritime Milling Co., Inc., Buf- falo, N. Y. B.-B. Daisy Egg Mash with Dried Buttermilk...	Wauregan: A. Samalus.....	9.20	20.00	18.00	6.23	7.00	5.78	3.50	%
711	Maritime Milling Co., Inc., Buf- falo, N. Y. B. B. Daisy Scratch Feed.....	Danbury: H. E. Meeker.....	11.70	11.00	9.00	2.50	5.00	2.93	2.50	%
610	Maritime Milling Co., Inc., Buf- falo, N. Y. B. B. Turkey Start- ing & Growing Feed-Vitaminized with Cod Liver Oil.....	Wallingford: Laden Bros. Co., Inc.....	10.00	17.75	16.00	4.58	7.00	6.10	4.00	%
712	Maritime Milling Co., Inc., Buf- falo, N. Y. Bull Brand Laying Mash.....	Danbury: H. E. Meeker.....	9.50	21.25	20.00	6.33	7.00	5.55	4.50	%

9205	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand Scratch Feed.....	Thompsonville: Geo. S. Phelps & Co.....	12.35	10.63	10.00	2.33	4.00	2.35	2.50
791	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Eggs Mash.....	Danbury: H. E. Meeker.....	9.90	17.94	17.00	6.40	9.00	5.53	3.50
790	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Growing Mash Vitamized with Cod Liver Oil.....	Danbury: H. E. Meeker.....	10.40	15.19	15.00	6.08	9.00	5.65	3.50
1253	Maritime Milling Co., Inc., Buffalo, N. Y. Vitamized B. B. Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil...	Windsor: Lewis Bros.....	9.98	19.38	18.00	5.90	7.00	5.75	3.50
129	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Chick Starter.....	Essex: Meech & Stoddard, Inc....	8.90	18.38	13.00	5.00	5.00	4.25	4.00
128	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Growing Feed.....	Essex: Meech & Stoddard, Inc....	9.25	16.75	17.00	7.75	8.00	4.38	5.50
47	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Laying Mash.....	Middlefield: Middlefield Grain & Coal Co.....	9.73	19.13	17.00	6.38	8.00	4.90	5.50
48	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Intermediate Chick Feed.....	Middlefield: Middlefield Grain & Coal Co.....	11.28	10.38	10.00	1.98	5.00	3.10	3.00
975	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Scratch Feed.....	Middlefield: Middlefield Grain & Coal Co.....	11.85	10.75	10.00	2.35	5.00	2.68	3.00
9123	Geo. Q. Moon & Co., Binghamton, N. Y. Moon's Baby Chick Grains.....	Stratford: Z. C. Ingersoll.....	11.78	10.94	10.00	1.00	2.50	1.20	3.00
125	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Baby Chick Starter Mash.....	Higganum: Felix A. Petrofsky ...	8.60	17.63	15.00	3.30	5.00	2.98	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
9124	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Developing Grains.....	Stratford: Z. C. Ingersoll.....	%	%	%	%	%	%	%	%
124	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Growing Mash.....		12.50	10.50	10.00	1.73	5.00	3.88	2.00	
126	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Laying Mash with Dried Buttermilk...	Higganum: Felix A. Petrofsky...	8.98	17.13	17.00	4.50	7.00	4.45	4.00	
9122	Geo. Q. Moon & Co., Binghamton, N. Y. Moon's Scratch Feed....	Higganum: Felix A. Petrofsky...	9.50	18.75	20.00	5.65	9.00	4.63	4.00	
9237	Fred C. Morse & Son, Guilford, Conn. Old Mill Growing Mash..	Stratford: Z. C. Ingersoll.....	13.25	10.88	10.00	3.13	5.00	2.45	2.00	
9266	Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash...	Guilford: Fred C. Morse & Son...	9.63	17.75	15.00	4.53	6.00	5.28	5.00	
		Guilford: Fred C. Morse & Son...	9.80	21.88	19.00	6.85	8.00	5.55	4.50	

9236	Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash with Milk.....	9.75	22.19	20.00	6.55	8.00	5.48	5.00
524	Fred C. Morse & Son, Guilford, Conn. Old Mill Scratch Feed....	11.93	11.88	10.00	2.38	4.00	2.60	2.50
9267	Fred C. Morse & Son, Guilford, Conn. Old Mill Starting Mash.	10.95	19.63	16.00	3.08	3.50	5.25	4.50
680	Norwalk Grain Co., Inc., Norwalk, Conn. Favorite Scratch Feed....	12.10	12.25	10.00	2.13	5.00	2.63	3.00
734	Nowak Milling Corp., Hammond, Ind. Domino Duo-Fold Pel-ets	9.20	17.63	15.00	5.83	6.50	6.00	4.50
733	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets.....	8.78	21.63	20.00	5.63	7.50	7.20	4.50
886	Nowak Milling Corp., Hammond, Ind., Domino Growing Pel-ets..	9.15	17.13	15.00	4.55	5.50	6.00	4.50
882	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Buttermilk.....	8.78	19.25	20.00	5.40	8.00	5.53	4.50
885	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed.....	11.90	10.19	10.00	2.38	4.00	2.40	2.00
883	Nowak Milling Corp., Hammond, Ind. Export Scratch Feed.....	11.83	10.56	9.00	1.88	5.00	3.00	2.00
884	Nowak Milling Corp., Hammond, Ind. Fidelity Scratch Feed.....	11.98	11.56	10.00	2.25	4.00	2.23	2.00
40	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Fine Chick Grains.....	11.20	12.13	10.00	1.63	5.00	4.45	2.50
571	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Buttermilk.....	10.33	18.00	17.00	5.03	8.00	4.78	4.00
9264	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil.....	9.70	18.06	17.00	5.05	8.00	5.23	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>								
9199	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Laying Mash with Dried Buttermilk...	Middletown: P. Levson & Son...	%	%	%	%	%	%	%
9200	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Laying Mash with Dried Buttermilk and Cod Liver Oil.....		9.78	21.38	19.00	4.33	8.50	5.03	4.00
9201	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Scratch Feed.....	Middletown: P. Levson & Son...	9.83	19.63	19.00	4.88	8.50	5.05	4.00
9265	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Laying Mash with Dried Buttermilk.....	Middletown: P. Levson & Son...	11.55	10.63	10.00	2.75	5.00	3.15	2.50
611	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Scratch Feed....	Middletown: P. Levson & Son....	9.70	19.25	18.00	6.43	8.50	5.15	4.00
9231	S. V. Osborn Est., Branford, Conn. Osborn Mash.....	Middletown: P. Levson & Son.... Branford: S. V. Osborn Est.	13.05	10.88	10.00	2.53	5.00	2.58	2.50
			10.40	14.19	12.00	7.58	8.00	3.58	3.00

9235	S. V. Osborn Est., Branford, Conn. Osborn Scratch.....	13.35	10.88	10.00	1.90	5.00	2.33	2.00
9060	The Park & Pollard Co., Inc., Buf- falo, N. Y. All-In-One Starting Feed.....	12.10	17.00	17.00	2.58	5.00	4.01	3.50
9219	The Park & Pollard Co., Inc., Buf- falo, N. Y. Growing Feed.....	11.30	16.63	14.00	4.80	7.00	4.10	3.00
9076	The Park & Pollard Co., Inc., Buf- falo, N. Y. Growing Feed with Cod Liver Oil.....	12.10	16.44	14.00	4.70	7.00	4.18	3.00
9074	The Park & Pollard Co., Inc., Buf- falo, N. Y. Intermediate Chick Feed.....	13.75	10.88	10.00	1.93	3.50	2.68	3.00
9075	The Park & Pollard Co., Inc., Buf- falo, N. Y. Lay or Bust Dry Mash.....	11.33	18.88	18.00	4.37	7.00	4.20	3.00
9081	The Park & Pollard Co., Inc., Buf- falo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil.....	11.20	20.38	18.00	4.33	7.00	4.50	3.00
1040	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Breeder Mash.....	9.83	18.88	18.00	4.83	6.00	4.60	4.00
9080	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Broiler Ration.....	10.45	17.13	16.00	5.00	5.00	3.90	3.50
9061	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Chick Starter.....	11.23	17.63	17.00	2.63	5.00	3.80	3.50
240	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Turkey Grower.....	9.30	16.25	15.00	5.75	7.00	3.98	3.00
9218	The Park & Pollard Co., Inc., Buf- falo, N. Y. Red Ribbon Chick Feed.....	12.58	10.81	10.00	1.68	3.50	2.95	3.00
	Branford: S. V. Osborn Est.....							
	West Cheshire: Cheshire Grain & Coal Co.....							
	Hazardville: A. D. Bridge's Sons..							
	Plainville: F. B. Newton.....							
	Plainville: F. B. Newton.....							
	Plainville: F. B. Newton.....							
	Plainville: W. S. Eaton.....							
	Plainville: State Farmers' Co-op. Assoc.....							
	Plainville: F. B. Newton.....							
	West Cheshire: Cheshire Grain & Coal Co.....							
	East Winsted: Leonard Grain Co.							
	Hazardville: A. D. Bridge's Sons..							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			Water					
			%	%	%	%	%	%
131	PROPRIETARY MIXED FEEDS— <i>Poultry feeds—Continued</i> The Park & Pollard Co., Inc., Buffalo, N. Y. Red Ribbon Scratch Feed.....	New London: New London Grain Co.....	11.55	10.38	2.38	5.00	3.10	3.00
491	Fank S. Platt Co., New Haven, Conn. Platco Laying Mash.....	New Haven: Frank S. Platt Co...	10.38	23.25	5.38	7.00	5.68	5.50
490	Frank S. Platt Co., New Haven, Conn. Platco Perfection Grain Mixture.....	New Haven: Frank S. Platt Co...	12.23	12.25	3.48	3.50	3.05	3.00
9111	Pratt Food Co., Buffalo, N. Y. Pratt's Baby Chick Food with Buttermilk.....	Bristol: Bristol Grain & Supply Co.....	10.85	18.13	3.08	4.00	4.03	3.50
9113	Pratt Food Co., Buffalo, N. Y. Pratt's Chick Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	12.33	10.94	1.23	4.00	2.48	2.00
802	Pratt Food Co., Buffalo, N. Y. Pratt's Circle A Large Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	11.33	12.13	3.25	4.00	3.33	2.00

9108	Pratt Food Co., Buffalo, N. Y. Pratt's Growing Mash with Buttermilk.....	Bristol: Bristol Grain & Supply Co.....	8.30	19.25	17.50	5.15	6.00	5.18	4.50
803	Pratt Food Co., Buffalo, N. Y. Pratt's Intermediate Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	11.40	11.56	10.00	1.80	4.00	2.58	2.00
1044	Pratt Food Co., Buffalo, N. Y. Pratt's Large Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	11.25	10.81	10.00	2.05	4.00	3.03	2.00
9101	Pratt Food Co., Buffalo, N. Y. Pratt's Laying Mash with But- termilk.....	Bristol: Bristol Grain & Supply Co.....	9.88	22.38	20.00	5.45	6.75	5.10	4.50
851	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Grains.....	Simsbury: H. B. Bunnell & Co....	11.83	11.38	10.00	2.50	5.00	2.65	1.50
103	The Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed.....	Rockville: Rockville Grain & Coal Co. ⁴	10.45	11.06	9.50	2.48	3.50	2.45	2.00
9220	The Quaker Oats Co., Chicago, Ill. Early Bird Fine Chick Feed, No Grit.....	Ansonia: I. Sovitsky.....	12.00	10.00	10.00	1.68	2.00	3.03	2.00
9092	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Plainville: W. S. Eaton.....	8.43	19.06	17.00	5.98	7.00	5.60	5.00
902	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Coarse Chick Feed.....	Rockville: Rockville Grain & Coal Co.....	11.45	10.63	10.00	2.05	2.50	3.03	2.00
9203	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash....	Thompsonville: Geo. S. Phelps & Co.....	8.18	19.81	20.00	6.20	8.00	5.55	4.50
9214	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Fine Chick Feed.....	Thompsonville: Geo. S. Phelps & Co.....	11.05	12.00	11.00	1.73	2.00	2.98	2.50
9202	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Growing Mash.....	Thompsonville: Geo. S. Phelps & Co.....	8.98	20.25	19.00	4.75	6.00	5.53	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>								
484	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Station Grade Fattening Feed.....	New Haven: R. G. Davis & Sons, Inc.....	%	%	%	%	%	%	%
658	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Scratch Grains.....	Plainville: W. S. Eaton.....	9.83	13.94	12.00	3.55	5.50	5.25	4.50
188	Ralston Purina Co., St. Louis, Mo. Protena Scratch Feed (Buffalo Mills).....	Stamford: Clapboard Hill Feed Co.....	11.88	10.25	9.00	2.10	3.50	2.85	2.00
855	Ralston Purina Co., St. Louis, Mo. Purina All Mash Egg Chow- der.....	Stamford: Clapboard Hill Feed Co.....	12.68	9.69	9.50	2.48	4.00	2.75	2.00
95	Ralston Purina Co., St. Louis, Mo. Purina All Mash Startena Chow. Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.....	10.18	16.50	15.50	5.53	8.00	4.53	3.50
190	Purina Breeder Egg Chowder...	Stamford: Clapboard Hill Feed Co.....	9.80	18.75	18.00	4.38	7.00	5.15	4.00
			9.63	22.00	19.00	6.40	8.00	5.65	3.50

193	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fat Chow.....	New Canaan: Clapboard Hill Feed Co.....	9.40	17.19	15.50	4.20	5.00	3.95	3.00
150	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow....	Norwich: A. E. Shedd.....	9.35	13.50	12.00	4.85	6.60	4.90	3.00
37	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow....	Windsor: L. W. Hudson.....	10.03	18.75	17.00	5.53	7.00	4.80	3.50
690	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow....	Ridgefield: Ridgefield Lumber Co. Plantville: Edward Mehmel & Son.....	8.85	21.50	19.00	5.35	7.00	5.05	4.00
9073	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder.....	Norwich: A. E. Shedd.....	10.75	21.13	19.00	6.48	8.00	4.74	3.50
152	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder (with Cod Liver Oil).....	Torrington: F. L. Wadhams..... Manchester: Manchester Grain Co.....	8.78	21.13	19.00	6.65	8.00	5.43	3.50
784	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow.....	New Canaan: Clapboard Hill Feed Co.....	12.10	11.88	10.00	3.03	4.00	3.60	2.50
92	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow	Manchester: Manchester Grain Co.....	11.38	10.38	10.00	1.73	4.00	2.53	2.50
194	Ralston Purina Co., St. Louis, Mo. Purina Lamb Chow.....	New Canaan: Clapboard Hill Feed Co.....	11.73	16.75	14.00	7.30	12.00	3.65	3.00
9072	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow.....	Plantville: Edward Mehmel & Son.....	11.83	18.69	17.00	6.18	8.00	4.18	2.50
192	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow (with Dried Buttermilk).....	New Canaan: Clapboard Hill Feed Co.....	10.33	18.69	17.00	5.68	8.00	4.18	2.50
93	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow (with Cod Liver Oil).....	Manchester: Manchester Grain Co.....	10.63	17.44	17.00	5.75	8.00	5.00	2.50
113	Ralston Purina Co., St. Louis, Mo. Purina Turkey Growing and Fattening Chow.....	So. Coventry, E. W. Latimer..... Manchester: Manchester Grain Co.....	10.25	18.38	17.00	6.08	8.00	4.68	2.50
94	Ralston Purina Co., St. Louis, Mo. Purina Turkey Startena Chow....	Manchester: Manchester Grain Co.....	9.65	18.75	18.00	4.78	7.00	6.10	4.00
9274	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Chick Grower.....	Seymour: Seymour Grain & Coal Co.....	9.53	18.63	16.00	3.83	5.00	4.28	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Poultry feeds—Continued</i>								
9184	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Chick Starter.....	Seymour: Seymour Grain & Coal Co.....	%	19.06	16.00	%	6.00	4.13	4.00
1026	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Laying Mash with Milk.....	Seymour: Seymour Grain & Coal Co.....	9.40	20.75	19.00	3.93	6.00	4.73	4.50
9185	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Scratch Feed.....	Seymour: Seymour Grain & Coal Co.....	8.70	10.50	10.00	5.60	6.00	2.63	2.50
498	Shelton Feed Co., Inc. Shelton, Conn. Nelson's Mixed Chicken Feed.....	Shelton: Shelton Feed Co. Inc....	12.80	10.50	10.00	2.90	6.00	2.63	2.50
1047	I. Sovitsky, Ansonia, Conn. An- sonia Egg Mash with Buttermilk	Shelton: Shelton Feed Co. Inc....	11.75	10.63	10.00	2.15	5.00	2.98	1.50
1048	I. Sovitsky, Ansonia, Conn. An- sonia Scratch Feed.....	Ansonia: I. Sovitsky.....	9.10	21.50	20.00	5.53	6.00	5.60	5.00
		Ansonia: I. Sovitsky.....	10.25	10.88	9.00	2.40	4.00	2.75	2.00

116	St. Albans Grain Co., St. Albans, Vt. King All-Purpose Chick & Broiler Ration.....	Willimantic: Willimantic Grain Co.....	9.95	17.38	17.50	3.48	5.50	3.95	4.00
123	St. Albans Grain Co., St. Albans, Vt. King Growing Feed containing Buttermilk.....	Willimantic: Willimantic Grain Co.....	10.50	16.38	15.00	4.38	6.00	4.50	4.50
117	St. Albans Grain Co., St. Albans, Vt. King Intermediate Chick Feed.....	Willimantic: Willimantic Grain Co.....	10.85	11.63	10.00	1.65	3.50	3.00	2.50
114	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Buttermilk.....	Willimantic: Willimantic Grain Co.....	9.65	20.50	20.00	4.33	7.00	4.10	4.00
115	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Cod Liver Oil, Buttermilk.....	Willimantic: Willimantic Grain Co.....	9.73	21.00	20.00	4.63	7.00	4.48	4.00
142	St. Albans Grain Co., St. Albans, Vt. King Scratch Feed.....	Norwich: Norwich Grain Co.....	11.55	10.25	10.00	2.13	4.00	2.58	2.50
69	St. Albans Grain Co., St. Albans, Vt. Mornin' Call Poultry Grains	Meriden: H. Grulich.....	12.75	10.63	10.00	2.13	4.00	3.18	2.50
9057	St. Albans Grain Co., St. Albans, Vt. Wirthmore All Purpose Chick and Broiler Ration.....	Cheshire: Center Grain Co.....	10.95	19.38	17.50	4.60	5.50	4.55	4.00
9189	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Scratch Feed.....	Naugatuck: Naugatuck Fruit & Produce Co.....	11.78	11.63	10.00	1.50	3.50	2.60	2.50
9056	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil.....	Cheshire: Center Grain Co.....	10.50	20.06	18.00	3.45	5.00	4.35	4.00
32	St. Albans Grain Co., St. Albans, Vt. Wirthmore Breeder Mash..	Thompsonville: John Williams...	9.23	20.50	20.00	4.80	7.00	4.55	4.50
870	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Layers.....	Suffield: Spencer Bros.....	10.60	17.38	15.00	3.28	5.00	4.10	4.00

9058	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Cod Liver Oil—Buttermilk.....	10.50	20.63	20.00	4.43	7.00	4.80	4.00
531	St. Albans Grain Co., St. Albans, Vt. Wirthmore Scratch Feed...	12.10	11.38	10.00	6.60	4.00	2.63	2.50
9112	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing	10.18	17.25	18.00	4.40	6.00	4.75	4.50
31	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Starter containing Cod Liver Meal—Buttermilk.....							
9195	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Scratch Grain.....	9.95	19.63	20.00	3.83	5.00	3.98	4.50
880	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Growing Mash.....	12.40	10.88	10.00	2.28	5.00	2.33	2.50
9120	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Intermediate Chick Feed.....	9.18	16.31	16.00	4.43	7.00	5.75	5.00
877	D. A. Stickell & Sons, Inc., Hagerstown, Md. Two-In-One Scratch Grains.....	12.40	10.19	10.00	1.80	5.00	3.78	2.50
9128	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Feed.....	12.20	10.06	10.00	1.68	5.00	2.58	2.50
183	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Starter...	11.80	10.69	10.00	1.43	5.00	2.28	2.50
9129	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash.....	9.60	21.38	18.00	4.08	4.00	4.95	3.50
182	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash...	10.08	19.25	18.00	5.80	8.00	5.33	3.00
181	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Buttermilk.....	9.48	17.75	16.00	2.88	7.00	4.75	4.00
	East Bridgeport: J. Simons.....	9.63	19.06	18.00	8.00	9.00	4.75	3.00
	Cheshire: Center Grain Co.....							
	Clinton: Clinton Grain Co.....							
	Bristol: Bristol Grain & Supply Co.....							
	Thompsonville: John Williams...							
	Hartford: H. L. Solloway.....							
	Hartford: H. L. Solloway.....							
	Stratford: Farmers Flour & Grain Co.....							
	Meriden: H. Grulich.....							
	Southport: C. Buckingham & Co.							
	East Bridgeport: J. Simons.....							
	Southport: C. Buckingham & Co.							
	East Bridgeport: J. Simons.....							
	East Bridgeport: J. Simons.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat			
			Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>										
657	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains..	Plainville: W. S. Eaton.....	12.13	11.63	10.00	2.28	5.00	2.95	2.50	%
93333	Thomaston Supply Co., Thomaston, Conn. Thomaston Egg Mash with Cod Liver Oil.....	Thomaston: Thomaston Supply Co.....	8.90	18.94	20.00	7.15	7.00	4.78	4.50	%
378	Thomaston Supply Co., Thomaston, Conn. Thomaston Growing Mash with Cod Liver Oil.....	Thomaston: Thomaston Supply Co.....	9.90	16.94	15.00	6.85	7.00	4.48	4.00	%
93334	Thomaston Supply Co., Thomaston, Conn. Thomaston Scratch.	Thomaston: Thomaston Supply Co.....	12.58	10.69	10.00	2.05	5.00	2.33	3.00	%
693	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine.....	Hawleyville: W. A. Honan, Inc...	10.18	20.75	18.00	5.45	6.00	5.00	3.00	%
9204	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Scratch.....	Thompsonville: Geo. S. Phelps & Co.....	12.68	10.50	9.00	2.35	4.50	2.98	2.04	%
9174	Tioga-Empire Feed Mills, Waverly, N. Y. Egatine.....	So. Norwalk: Roodner Feed Co...	8.88	26.94	23.00	6.00	6.00	4.63	3.00	%

817	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Chick & Growing Mash.....	Bristol: Bristol Grain & Supply Co.....	10.13	20.13	16.00	5.38	6.00	5.15	3.00
692	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Chick & Growing Mash with Cod Liver Oil added.....	Hawleyville: W. A. Honan, Inc....	9.80	19.50	16.00	5.80	6.00	5.30	3.00
9082	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Laying Food.....	Plainville: W. S. Eaton.....	10.13	20.50	18.00	5.25	6.50	4.93	3.50
704	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Neverfail Chick Grains.....	Hawleyville: W. A. Honan, Inc....	11.30	11.88	10.00	1.03	3.00	3.38	3.50
243	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Never- fail Growing Grains.....	Torrington: Litchfield County Co-op. Assoc.....	10.15	11.38	10.00	1.65	4.00	3.05	2.50
242	Tioga Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Never- fail Poultry Grains.....	Torrington: Litchfield County Co-op. Assoc.....	10.80	11.50	9.00	2.91	4.79	3.00	2.08
1022	Jacob Trinley & Sons, Linfield, Pa. Favorite Laying Mash.....	Bridgeport: Conn. Feed Co.....	9.48	18.13	18.00	7.43	7.00	4.85	4.00
1018	Jacob Trinley & Sons, Linfield, Pa. Favorite Scratch Grains.....	Bridgeport: Conn. Feed Co.....	11.55	9.75	9.00	1.73	5.00	2.85	2.00
1090	United Co-op. Farmers, Inc., Fitchburg, Mass. United Farm- ers Milk Egg Mash.....	Foster Center: John Jackson.....	10.00	17.50	16.50	5.15	6.50	4.88	4.00
1091	United Co-op. Farmers, Inc., Fitchburg, Mass. United Farm- ers Milk Maker.....	Foster Center: John Jackson.....	8.83	20.75	20.00	8.13	8.00	4.43	4.00
9332	Watertown Co-op. Assoc., Water- town, Conn. Sterling Scratch Feed.....	Watertown: Watertown Co-op. Assoc.....	11.90	11.06	10.00	2.55	4.00	2.73	2.50
612	F. S. Wertz & Son, Reading, Pa. Mixed Grains for Poultry.....	Hartford: New York Feed Corp..	12.15	10.06	10.00	2.28	4.00	3.13	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%
613	F. S. Wertz & Son, Reading, Pa. <i>Poultry feeds—Continued</i>									
614	Reading Egg Mash..... F. S. Wertz & Son, Reading, Pa. Wertz's Growing Mash with Malted Skimmed Milk.....	Hartford: New York Feed Corp..	9.45	19.13	18.00	5.35	7.50	5.00	4.00	
222	West-Nesbit, Inc., Oneonta, N. Y. Conn. State Formula Mash....	Hartford: New York Feed Corp..	9.53	16.13	15.00	5.55	7.00	4.65	4.00	
9263	West-Nesbit, Inc., Oneonta, N. Y. Pure Feed Egg Mash with But- termilk.....	Winsted: C. R. Hawley.....	9.68	19.06	18.00	4.23	7.00	5.50	4.00	
9262	West-Nesbit, Inc., Oneonta, N. Y. N. Y. Pure Feed Starting Mash.	East Hartford: Stowe & Rondeau. Naugatuck: Naugatuck Fruit & Produce Co.....	8.80	22.88	18.00	5.88	7.00	5.85	5.00	
1027	Wolf's Feed Store, Shelton, Conn. Wolf's Egg Mash.....		10.25	17.13	16.00	2.75	4.60	4.95	4.50	
9181	Wolf's Feed Store, Shelton, Conn. Wolf's Scratch Feed.....	Shelton: Wolf's Feed Store..... Shelton: Wolf's Feed Store.....	9.10	18.38	20.00	6.93	8.00	4.83	4.50	
			12.98	9.88	10.00	2.45	4.00	2.48	2.00	

9051	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Broiler Ration.....	10.33	19.38	17.50	4.10	6.00	5.95	4.00
49	Yantic Grain & Products' Co., Norwich, Conn. Big (Y) But- termilk Laying Mash.....	9.48	18.88	17.00	5.60	7.00	4.33	4.00
42	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Chick Grains.....	11.60	12.06	10.00	1.23	4.00	3.58	2.00
9054	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Chick Starter with Cod Liver Oil.....	11.03	18.38	18.00	3.75	6.00	5.80	4.00
9055	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Grow- ing Feed.....	10.30	17.81	16.00	5.33	7.00	4.60	4.00
9052	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Intermedi- ate Chick Grains.....	13.03	11.13	10.00	1.88	5.00	3.33	2.50
176	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Laying Mash.....	9.68	19.06	16.00	4.43	7.00	4.55	4.00
41	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Laying Mash with Buttermilk & Cod Liver Oil.....	10.40	19.06	17.00	5.00	7.00	4.61	4.00
127	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Scratch Feed.....	11.68	12.13	10.00	2.78	5.00	2.45	3.00
869	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Turkey Growing Feed.....	9.40	20.13	18.00	4.55	7.00	5.45	4.00
9053	Yantic Grain & Products Co., Nor- wich, Conn. Calico Girl Scratch Feed.....	13.05	11.38	10.00	3.23	5.00	2.48	2.50
	Hamden: Hamden Grain Co.....							
	Middlefield: Middlefield Center Grain Co.....							
	Middlefield: Middlefield Center Grain Co.....							
	Hamden: Hamden Grain Co.....							
	Hamden: Hamden Grain Co.....							
	Hamden: Hamden Grain Co.....							
	Jewett City: Big Y Feed Store...							
	Middlefield: Middlefield Center Grain Co.....							
	East Haddam: East Haddam Grain Co.....							
	Middlefield: Middlefield Center Grain Co.....							
	Hamden: Hamden Grain Co.....							

567	Collis Products Co., St. Paul, Minn. Collis Process Dried Buttermilk.....	Middletown: Meech & Stoddard, Inc.....	11.33	31.13	30.00	8.53	5.00
515	Conn. Fat Rendering & Fertilizer Corp., New Haven, Conn. Meat Scrap.....	East Haven: A. W. Forbes.....	7.15	56.63	45.00	10.25	10.00
795	Consolidated By-Products Co., Philadelphia, Pa. Bone Meal....	Watertown: Watertown Co-op. Assoc.....	3.33	7.44	5.00	3.33	4.00	0.43	0.50
9243	Consolidated Feed & Grain Co. Inc., Buffalo, N. Y. Bison Dried Skim Milk.....	Guilford: Fred C. Morse & Son....	5.38	34.38	30.00	0.75 ¹	0.50
9126	Consolidated Products Co., Danville, Ill. Dried Buttermilk.....	Southport: C. Buckingham & Co.	7.20	36.00	30.00	7.30 ¹	5.50
9127	Consolidated Products Co., Danville, Ill. Dried Skim Milk.....	Southport: C. Buckingham & Co.	3.95	35.50	35.00	1.25 ¹	0.50
9277	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal.								
244	An All Animal Feed for Cattle, Hogs & Poultry.....	Southbury: H. R. Stone.....	7.08	24.75	20.00	1.75	3.00
	Dairymen's League Co-op. Assoc. New York City. Dairylea Dried Skim Milk.....	Torrington: Litchfield County Co-op. Assoc.....	4.98	34.63	33.00	0.80 ¹	0.75
644	The Dry Milk Co., Inc., New York City. Chikora.....	West Cheshire: Cheshire Grain & Coal Co.....	6.48	31.81	35.00	0.78 ¹	1.00
9270	Flag Fish Co., Inc., New York City. Flag Fish Meal.....	Seymour: Seymour Grain & Coal Co.....	8.88	66.69	65.00	4.33	3.00
1017	Flag Fish Co., Inc., New York City. Flag Fish Meal.....	Seymour: Seymour Grain & Coal Co.....	10.58	65.06	65.00	2.55	3.00
9121	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 45%.....	Stratford: Z. C. Ingersoll.....	5.38	48.69	45.00	8.88	8.00
643	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 50%.....	West Cheshire: Cheshire Grain & Coal Co.....	7.03	53.13	50.00	9.05	8.00

¹ Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Beef scraps and other products— Continued</i>								
893	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 55%	Bloomfield: Bloomfield Farmers' Exchange.....	6.70	57.56	55.00	9.15	8.00
336	Gorton Pew Fisheries Co., Ltd., Gloucester, Mass. Gorton's Cod Fish Meal.....	Thomaston: Thomaston Supply Co.....	5.68	61.00	55.00	0.78	1.00	1.32	0.10
72	Hershey's Creamery Co., Harris- burg, Pa. "Hershey's Superior Powdered Skim Milk".....	Meriden: Raymond Ives.....	4.98	34.50	32.00	0.80 ¹	0.25
108	Henry James & Son, Inc., Spring- field, Mass. Special Meat & Bone Scrap.....	West Willington: H. M. Hansen..	7.15	53.56	50.00	8.23	8.00
459	Land O'Lakes Creameries, Inc., Chicago, Ill. Dried Buttermilk..	Meriden: Reliable Feed Store....	8.20	33.50	30.00	1.25 ¹	5.00

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¹ Roese-Gottlieb Method.

231	Land, O'Lakes Creameries, Inc., Chicago, Ill. Dried Skim Milk...	Rockville: Rockville Grain & Coal Co.....	8.28	34.25	30.00	1.70 ¹	0.50
819	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.90	53.81	55.00	0.43	1.00	15.18	1.00
1167	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.98	54.50	55.00	0.20	1.00	17.55	1.00
1165	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.28	53.88	55.00	0.50	1.00	16.73	1.00
189	Monti Van Iderstine, Inc., Brook- lyn, N. Y. Monti Van Meat Scrap.....	Stamford: Clapboard Hill Feed Co.....	7.05	55.13	50.00	2.33	3.00	10.75	7.00
9066	James F. Morse & Co., Somerville, Mass. Morse's Meat Scraps....	Plantville: C. A. Cowles.....	6.08	40.50	40.00	10.39	8.00
469	Chas. W. Priddy & Co., Inc., Nor- folk, Va. "The Best" Fish Meal	Shelton: Wolf Savitsky.....	8.80	57.63	55.00	0.70	7.00	5.23	5.00
141	John Reardon & Sons Co., Cam- bridge, Mass. 45% Register Brand Meat & Bone Scraps....	Norwich: Norwich Grain Co.....	4.48	43.63	45.00	1.03	3.00	9.05	6.00
982	John Reardon & Sons Co., Cam- bridge, Mass. 55% Register Brand Meat Scrap.....	Westerly: C. W. Campbell Co....	6.75	55.06	55.00	1.45	3.00	8.08	6.00
174	John Reardon & Sons Co., Cam- bridge, Mass. Register Brand Cod & Haddock Fish Meal....	Norwich: Norwich Grain Co.....	7.72	62.50	60.00	0.25	1.00	2.48	3.00
1069	Springfield Rendering Co., Spring- field, Mass. Boston Pure Cod & Haddock Meal.....	Rockville: Rockville Milling Co..	8.30	62.13	62.00	2.75	3.00
903	Springfield Rendering Co., Spring- field, Mass. High Grade Poultry Feed.....	Rockville: Rockville Milling Co..	7.05	50.13	50.00	10.33	8.00

¹ Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—*Concluded*

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
900	PROPRIETARY MIXED FEEDS— <i>Concluded</i>		%	%	%	%	%	%	%	
62	<i>Beef scraps and other products— Concluded</i> Springfield Rendering Co., Springfield, Mass. Springfield Poultry Feed.....	Hazardville: Amos D. Bridge's Sons.....	7.40	45.38	45.00	8.75	8.00	
121	John T. Stanley Co., Inc., New York City. Stanley's 45% Meat & Bone Scrap for Poultry.	Wallingford: A. E. Hall.....	6.33	47.31	45.00	1.43	3.00	11.00	10.00	
9077	Chas. M. Struven & Co., Baltimore, Md. Struven's Fish Meal & Bone Scrap for Poultry.....	Wallingford: A. E. Hall.....	6.55	56.44	55.00	0.55	2.00	10.33	4.00	
9068	Swift & Co., Chicago, Ill., Swift's Dried Buttermilk.....	Plainville: F. B. Newton.....	10.13	31.88	30.00	6.73 ¹	5.50	
	Swift & Co., Chicago, Ill. Swift's Meat & Bone Scraps.....	Plantsville: C. A. Cowles.....	6.73	53.44	50.00	11.38	6.00	

¹Roose-Gottlieb Method.

9186	Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat & Bone.....	Seymour: Seymour Grain & Coal Co.....	5.63	50.25	50.00	9.98	1.00
609	Ward Dry Milk Co., St. Paul, Minn. Ward's Pure Dried Skim Milk.....	East Haven: A. W. Forbes.....	7.25	34.25	32.00	1.08	1.00
955	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal.....	Willimantic: Willimantic Grain Co.....	5.00	47.06	50.00	0.78	2.00	13.08	4.00
954	Worcester Rendering Co., Auburn, Mass. P. W. Meat Scrap.....	Willimantic: Willimantic Grain Co.....	6.90	44.06	45.00	1.30	6.00	8.88	8.00
952	Worcester Rendering Co., Auburn, Mass. P. W. Special Meat Scrap	So. Coventry: E. W. Latimer....	5.75	56.19	55.00	1.65	5.00	10.85	8.00

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal.....	12	2	2	1	1	4
Linseed meal.....	11	2	1	0	1	2
Soybean meal.....	5	0	0	0	0	0
Wheat bran.....	29	0	0	0	0	0
Wheat middlings and similar products.....	34	2	0	0	2	2
Wheat red dog.....	6	1	0	0	1	1
Wheat feed (mixed feed).....	16	4	0	0	4	4
Corn gluten feed.....	7	1	0	0	1	1
Hominy feed.....	12	0	0	0	0	0
Miscellaneous corn products.....	3	1	0	0	1	1
Rye products.....	3	0	0	0	0	0
Brewers' and distillers' grains.....	3	0	0	0	0	0
Dried beet pulp.....	4	1	0	1	0	1
Horse feed.....	73	13	0	8	5	13
Dairy feeds.....	158	43	9	3	35	47
Stock feeds.....	46	4	1	2	1	4
Calf feeds and other products.....	22	2	0	0	2	2
Poultry feeds.....	349	35	4	0	32	36
Beef scraps, etc.....	43	10	6	0	4	10
Total.....	836	121	23	15	90	128

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Acme-Evans Co.	1	3	0	0	0	100
Allied Mills, Inc.	22	66	0	0	1	98
Anchor Mills.	1	3	0	0	0	100
Anheuser-Busch, Inc.	1	3	0	0	1	67
Arcady Farms Milling Co.	10	30	0	0	0	100
Archer-Daniels-Midland Co.	2	6	0	0	0	100
Ashcraft-Wilkinson Co.	4	12	0	0	0	100
Atkinson Milling Co.	2	6	0	0	0	100
Bailey, E. W., & Co.	13	39	0	0	7	82
Beacon Milling Co., Inc.	24	72	1	0	1	97
Bisbee Linseed Co.	1	3	0	0	0	100
Black Rock Milling Corp.	5	15	0	0	2	87
Blatchford Calf Meal Co.	1	3	0	0	0	100
Bridge's, Amos D. Sons, Inc.	1	3	0	0	1	67
Bristol Grain & Supply Co.	1	3	0	0	0	100
Brode, F. W., Corp.	1	3	0	0	0	100
Broder, L., Grain Store.	1	3	0	0	0	100
Buckeye Cotton Oil Co.	1	3	0	0	0	100
Buckingham, C., & Co.	4	12	0	0	0	100
Buell, C. E., Inc.	1	3	0	0	0	100
Burckhalter, C. W., Inc.	2	6	0	0	0	100
Campbell, C. W., Co.	14	42	0	0	2	95
Canada Linseed Oil Mills, Ltd.	1	3	0	0	0	100
Caple, A. B., Co.	1	3	0	0	0	100
Clinton Corn Syrup Refining Co.	1	3	0	0	0	100
Clyde Renco Milling Corp.	1	3	0	0	1	67
Coles Co.	7	21	0	2	3	76
Collis Products Co.	1	3	0	0	0	100
Commander-Larabee Corp.	3	9	0	0	0	100
Conkey, G. E., Co.	13	39	0	0	2	95
Conn. Fat Rendering & Fertilizer Corp.	1	3	0	0	0	100
Consolidated By-Product Co.	1	3	0	0	0	100
Consolidated Feed & Grain Co.	1	3	0	0	0	100
Consolidated Products Co.	2	6	0	0	0	100
Consolidated Rendering Co.	1	3	0	0	1	67
Consumers Food Stores, Inc.	6	18	0	0	2	89
Copeland Flour Mills, Ltd.	1	3	0	0	0	100
Corn Products Sales Co.	2	6	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Cowee, E. A., Co.	4	12	0	0	1	92
Cowles, C. A., Inc.	4	12	0	0	1	92
Cox, Chas. M., Co.	3	9	1	0	0	89
Crosby Milling Co.	2	6	0	1	0	83
Cutler, P., Inc.	6	18	0	0	0	100
Dairymen's League Co-op. Assoc., Inc.	1	3	0	0	0	100
Davis, R. G., & Sons, Inc.	7	21	0	1	0	95
Decatur Milling Co., Inc.	1	3	0	0	0	100
Delaware Mills, Inc.	15	45	0	0	4	91
Denver Alfalfa Milling & Products Co.	2	6	0	0	0	100
Dewey Bros. Co., The.	1	3	0	0	0	100
Dietrich & Gambrell, Inc.	8	24	0	0	0	100
Dry Milk Co., Inc., The.	1	3	1	0	0	67
Duluth-Superior Milling Co.	2	6	0	0	0	100
Eagle Roller Mill Co.	1	3	0	0	0	100
Eastern States Farmers' Exchange.	19	57	0	0	0	100
Eckhart, B. A., Milling Co.	2	6	0	0	0	100
Elmore Milling Co., Inc.	13	39	0	1	1	95
Eshleman, John W., & Sons.	29	87	0	2	2	95
Evans Milling Co.	2	6	0	0	0	100
Excelsior Milling Co.	1	3	0	0	1	67
Farmers' Feed Co.	1	3	0	0	0	100
Farmers' Wholesale Co.	1	3	0	0	0	100
Federal Mill, Inc.	2	6	0	0	0	100
Fernando Valley Milling & Supply Co.	3	9	0	1	1	78
First National Stores, Inc.	2	6	0	0	1	83
Flag Fish Co., Inc.	2	6	0	0	1	83
Flory Milling Co., Inc.	9	27	0	1	3	85
Forbes, A. W.	3	9	0	0	1	89
Forrest, J. A.	1	3	0	0	1	67
Frisbie, L. T., Co.	3	9	0	0	0	100
Garland, J. B., & Son.	4	12	0	0	0	100
General Mills, Inc.	5	15	0	0	0	100
Gorton-Pew Fisheries Co., Ltd.	1	3	0	0	0	100
Grandin, D. H., Milling Co.	14	42	0	0	0	100
Great Atlantic & Pacific Tea Co.	3	9	0	0	0	100
Hales & Hunter Co.	13	39	0	0	2	95

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTÉED NUTRIENTS
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Ham, Frank B., & Co., Ltd.	2	6	0	0	0	100
Hecker-Jones-Jewell Milling Co.	3	9	0	0	1	89
Hershey Creamery Co.	1	3	0	0	0	100
Hood Mills Co.	1	3	0	0	0	100
Humphreys-Godwin Co.	2	6	0	0	0	100
Imbs, J. F., Milling Co.	1	3	0	0	0	100
Imperial Grain & Milling Co.	1	3	0	1	0	67
International Milling Co.	4	12	0	0	0	100
International Vegetable Oil Co., Inc.	1	3	0	0	0	100
James, Henry, & Son, Inc.	1	3	0	0	0	100
Kansas Flour Mills Corp.	1	3	0	0	0	100
Kellogg Co.	1	3	0	0	0	100
Kelloggs & Miller, Inc.	1	3	0	0	0	100
Kellogg, Spencer & Sons, Inc.	1	3	0	0	0	100
King, H. H., Flour Mills Co.	1	3	0	0	0	100
King Midas Mill Co.	1	3	0	0	0	100
Krause Milling Co.	1	3	0	0	0	100
Labieniec, A. S.	1	3	0	0	0	100
Laden Bros. Co., Inc.	4	12	2	0	1	75
Land O'Lakes Creameries, Inc.	2	6	0	0	1	83
Larabee Flour Mills Co.	2	6	0	0	0	100
Larrowe Milling Co.	14	42	0	0	0	100
Libner Grain Co., Inc.	7	21	0	0	2	90
Lines, C. W., Co.	5	15	0	0	1	93
Litchfield County Co-op. Assoc.	3	9	0	0	0	100
Long Hill Feed Store.	2	6	0	0	1	83
Lovitt, L. B. & Co.	2	6	1	0	0	83
Maine Fish Meal Co.	3	9	2	0	0	78
Manchester, E., & Sons.	9	27	0	0	0	100
Maple Leaf Milling Co., Ltd.	2	6	0	0	0	100
Maritime Milling Co., Inc.	18	54	0	1	4	91
Martenis, C. J., Grain Co.	1	3	0	0	0	100
Meador Milling Co., Inc.	1	3	0	0	0	100
Meech & Stoddard, Inc.	10	30	1	0	4	83
Milmine, Bodman & Co., Inc.	1	3	0	1	0	67
Miner-Hillard Milling Co.	4	12	0	0	0	100
Monti-Van Iderstine, Inc.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Moon, Geo. Q., & Co., Inc.	12	36	1	0	4	86
Morse, Fred C., & Son	10	30	0	0	1	97
Morse, Jas. F., & Co.	1	3	0	0	0	100
Moseley & Motley Milling Co.	2	6	0	0	0	100
Mt. Vernon Milling Co.	1	3	0	0	0	100
National Milling Co., The	1	3	0	0	0	100
Niagara Falls Milling Co.	2	6	0	0	0	100
Northwestern Consolidated Milling Co.	2	6	0	0	0	100
Norwalk Grain Co.	1	3	0	0	1	67
Nowak Milling Corp.	8	24	0	0	0	100
Omaha Flour Mills Co.	1	3	0	0	0	100
Ontario Milling Co., Inc.	15	45	1	0	1	96
Osborn, S. V., Estate	3	9	0	0	0	100
Park & Pollard Co., Inc., The	29	87	0	0	3	97
Patent Cereals Co., The	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co.	3	9	0	0	0	100
Penick & Ford, Ltd., Inc.	2	6	0	0	1	83
Perkins Oil Co., Inc.	1	3	1	1	1	0
Pillsbury Flour Mills Co.	6	18	0	0	0	100
Pittsburgh Plate Glass Co.	2	6	0	0	0	100
Platt, Frank S., Co., The	2	6	0	0	0	100
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co., Inc.	11	33	0	0	0	100
Priddy, Chas. W., & Co., Inc.	1	3	0	0	0	100
Puffer, H. C., Co.	3	9	0	0	0	100
Quaker Oats Co., The	23	69	1	0	2	96
Ralston Purina Co.	34	102	0	0	0	100
Reardon, John, & Sons Co.	3	9	1	0	1	78
Rockville Milling Co.	1	3	0	0	0	100
Russell-Miller Milling Co.	2	6	0	0	0	100
Seymour Grain & Coal Co.	8	24	0	0	0	100
Shaffer, J. C., Grain Co.	1	3	0	0	0	100
Shelton Feed Co., Inc.	1	3	0	0	0	100
Sherwin Williams Co.	1	3	0	0	0	100
Sovitsky, Ike	5	15	0	0	0	100
Soya Products, Inc.	1	3	0	0	0	100
Sparks Milling Co.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Concluded)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Springfield Rendering Co.	3	9	0	0	0	100
Staley, A. E. Manufacturing Co.	2	6	0	0	0	100
Stanley, John T., Co., Inc.	1	3	0	0	0	100
Stickell, D. A., & Sons, Inc.	13	39	0	0	1	97
St. Albans Grain Co.	44	132	4	0	4	94
Struven, Chas. M., Co.	1	3	0	0	0	100
Swift & Co.	2	6	0	0	0	100
Syracuse Milling Co.	15	45	0	0	0	100
Thomaston Supply Co., Inc.	4	12	1	0	1	83
Tioga-Empire Feed Mills, Inc.	17	51	0	0	0	100
Trinley, Jacob, & Sons.	6	18	0	0	0	100
Union Starch & Refining Co.	1	3	0	0	0	100
United Co-op. Farmers', Inc.	2	6	0	0	0	100
United Mills Co., Inc.	1	3	0	0	0	100
Upper Hudson Rye Flour Mills, Inc.	1	3	0	0	0	100
Van Iderstine Co.	1	3	0	0	0	100
Van Vechten Milling Co., Inc.	1	3	0	0	0	100
Victor Flour Mills, Inc.	1	3	0	0	0	100
Ward Dry Milk Co.	1	3	0	0	0	100
Watertown Co-op. Assoc.	1	3	0	0	0	100
Wayne County Grangers Feed Corp.	5	15	0	0	1	93
Wertz, F. S., & Son.	6	18	1	1	2	78
West-Nesbitt, Inc.	6	18	0	0	1	94
Wolf's Feed Store.	3	9	1	0	0	89
Worcester Rendering Co.	3	9	2	0	0	78
Yantic Grain & Products Co., The.	30	90	0	1	6	92
Totals.	836	2508	23	15	90	95

MISCELLANEOUS

Seventy-two samples of feeds and fodder materials were analyzed for purchasers and others interested.

Twelve samples were examined for poisons. All were poultry feeds. The typical complaint about feed suspected of containing injurious ingredients is that coincident with a change of brand of feed or with the feeding of a new lot of the same brand mortality of chicks was experienced. It is always difficult, and usually impossible, to give any explanation or suggest any probable cause of such mortality. We advise first that the experts in the department of animal diseases at the Storrs station be consulted in order to discover evidence of disease. Our own procedure includes macroscopic and microscopic examination of the feed; the systematic examination for the usual poisons if circumstances are suspicious or otherwise appear to warrant such analysis; and sometimes feeding tests are made with the suspected feed in comparison with the feed that has given no trouble. The losses sustained by poultrymen are frequently of a serious nature but the causes are generally so obscure that the most careful search fails to give any basis for a satisfactory or convincing explanation.

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